

## Ohlasy / Citations, reviews

Department: SAVCHEM - Chemický ústav SAV

Date of citation, review: 2011~2014

### Citations, reviews

Citations in Web of Science Core Collection (1.1, 2.1)	8018
Citations in SCOPUS (1.2, 2.2)	1204
Citations in other citation indexes and databases (not listed above) (3.2, 4.2, 9, 10)	7
Other citations (not listed above) (3, 4, 3.1, 4.1)	152
Reviews (5, 6)	0

**Count**

**9381**

### AAA Scientific monographs published abroad

- AAA01      GEMEINER, Peter. *Enzyme Engineering : Immobilized Biosystems*.  
Chichester, Bratislava : Ellis Horwood, Alfa Publisher, 1992. ISBN 0132782278.  
Ohlasy:  
[1.1]      Peper, S (Peper, Stephanie); Kara, S (Kara, Selin); Long, WS (Long, Wei Sing); Liese, A (Liese, Andreas); Niemeyer, B (Niemeyer, Bernd) Source: BIOPROCESS AND BIOSYSTEMS ENGINEERING Volume: 34 Issue: 6 Pages: 671-680, WOS  
[1.1]      Yiu, HHP (Yiu, Humphrey H. P.); Keane, MA (Keane, Mark A.) In: JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY Volume: 87 Issue: 5 Pages: 583-594, WOS

### AAB Scientific monographs published in Slovak publishing houses

- AAB01      MILATA, V. - SEGĽA, P. - BREZOVÁ, V. - GATIAL, A. - KOVÁČIK, Vladimír - MIGLIERINI, M. - STANKOVSKÝ, Š. - ŠÍMA, J. *Aplikovaná molekulová spektroskopia*. Bratislava : Vydavateľstvo STU, 2008. ISBN 978-80-227-2960-4.  
Ohlasy:  
[1.1]      Matyasovsky, J (Matyasovsky, Jan); Sedliacik, J (Sedliacik, Jan); Cervinkova, D (Cervinkova, Danica); Jurkovic, P (Jurkovic, Peter); Duchovic, P (Duchovic, Peter); Gajtanska, M (Gajtanska, Milada) In: JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION Volume: 107 Issue: 10 Pages: 323-335, WOS  
[1.1]      Medvecká, V (Medvecká, Veronika); Zahoranova, A (Zahoranova, Anna); Kovacik, D (Kovacik, Dusan); Gregus, J (Gregus, Jan) In: CHEMICKE LISTY Volume: 106 Special Issue: SI Pages: S1455-S1459, WOS  
[1.1]      Sedliacik, J (Sedliacik, Jan); Matyasovsky, J (Matyasovsky, Jan); Smidriakova, M (Smidriakova, Maria); Sedliacikova, M (Sedliacikova, Mariana); Jurkovic, P (Jurkovic, Peter) In: JOURNAL OF THE AMERICAN LEATHER

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[1.1] Smidriakova, M (Smidriakova, Maria); Sedliacik, J (Sedliacik, Jan);  
Jablonski, M (Jablonski, Marek); Krajewski, KJ (Krajewski, Krzysztof J.) In:  
PRZEMYSŁ CHEMICZNY Volume: 91 Issue: 11 Pages: 2192-2195, WOS

**ABA Monographic studies in journals and proceedings published abroad**

ABA01 BIELY, Peter - MACKENZIE, C.R. - SCHNEIDER, H. Acetyl xylan esterase  
of Schizophyllum commune. In *Methods in Enzymology*. Vol.160, (1988), p.  
700-707. - San Diego : Academic Press. ISBN 0-12-182080-7.

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[1.1] Komeil, D (Komeil, Doaa); Simao-Beaunoir, AM (Simao-Beaunoir,  
Anne-Marie); Beaulieu, C (Beaulieu, Carole), In: CANADIAN JOURNAL OF  
MICROBIOLOGY Volume: 59 Issue: 5 Pages: 294-303, WOS

[1.1] Pouvreau, L (Pouvreau, L.); Jonathan, MC (Jonathan, M. C.); Kabel,  
MA (Kabel, M. A.); Hinz, SWA (Hinz, S. W. A.); Gruppen, H (Gruppen, H.);  
Schols, HA (Schols, H. A. Source: ENZYME AND MICROBIAL  
TECHNOLOGY Volume: 49 Issue: 3 Pages: 312-320, WOS

ABA02 BIELY, Peter. Diversity of microbial endo-beta-1,4-xylanases. In *ACS  
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361-368.

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[1.1] Gupta, VK (Gupta, Vijai K.); O'Donovan, A (O'Donovan, Anthonia);  
Tuohy, MG (Tuohy, Maria G.); Sharma, GD (Sharma, Gauri Dutt), In:  
BIOTECHNOLOGY AND BIOLOGY OF TRICHODERMA Pages: 325-336,  
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[1.1] Toth, K (Toth, Karolina); Van Gool, MP (Van Gool, Martine P.);  
Schols, HA (Schols, Henk A.); Samuels, GJ (Samuels, Gary J.); Gruppen, H  
(Gruppen, Harry); Szakacs, G (Szakacs, George), In: BIOENERGY RESEARCH  
Volume: 6 Issue: 2 Pages: 631-643, WOS

ABA03 FARKAŠ, Vladimír - GREŠÍK, Miroslav - KOLAROVA, Nadežda -  
SULOVA, Zdena - ŠESTÁK, Sergej. Biochemical and physiological changes during  
photoinduced conidiation and derepression of cellulase synthesis in Trichoderma. In  
KUBICEK-FRANZ, C.P. et al. *Trichoderma reesei Cellulases: Biochemistry,  
Genetics, Physiology and Application*. - Cambridge : Royal Society of Chemistry,  
1990, p. 139-155. ISBN 0-85186-936-X.

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[1.1] Schmoll, M (Schmoll, Monika) Source: ADVANCES IN APPLIED  
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[1.1] Tisch, D (Tisch, Doris); Kubicek, CP (Kubicek, Christian P.); Schmoll,  
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ABA04 HEINZE, T. - KOSCHELLA, A. - EBRINGEROVÁ, Anna. Chemical  
functionalization of xylan: A short review. In *ACS Symposium Series 864.  
Hemicelluloses: Science and Technology*. - Washington : American Chemical  
Society, 2004. ISBN 0-8412-3842-1.

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- [1.1] Enomoto-Rogers, Y (Enomoto-Rogers, Yukiko); Iwata, T (Iwata, Tadahisa) In: CARBOHYDRATE POLYMERS Volume: 87 Issue: 3 Pages: 1933-1940, WOS
- [1.1] Enomoto-Rogers, Y (Enomoto-Rogers, Yukiko); Iwata, T (Iwata, Tadahisa), In: JOURNAL OF WOOD SCIENCE Volume: 59 Issue: 6 Pages: 489-498, WOS
- [1.1] Enomoto-Rogers, Y (Enomoto-Rogers, Yukiko); Kamitakahara, H (Kamitakahara, Hiroshi); Takano, T (Takano, Toshiyuki); Fundador, NGV (Fundador, Noreen G. V.); Iwata, T (Iwata, Tadahisa), In: KOBUNSHI RONBUNSHU Volume: 70 Issue: 10 Pages: 529-538, WOS
- [1.1] Chen, W (Chen, Wei); Zhong, LX (Zhong, Linxin); Peng, XW (Peng, Xinwen); Lin, JH (Lin, Jiehua); Sun, RC (Sun, Runcang), In: CELLULOSE Volume: 21 Issue: 1 Pages: 125-137, WOS
- [1.1] Peresin, MS (Peresin, Maria Soledad); Kammiovirta, K (Kammiovirta, Kari); Setälä, H (Setälä, Harri); Tammelin, T (Tammelin, Tekla) In: JOURNAL OF POLYMERS AND THE ENVIRONMENT Volume: 20 Issue: 4 Special Issue: SI Pages: 895-904, WOS
- [1.1] Stepan, AM (Stepan, A. M.); Hoijs, A (Hoijs, A.); Schols, HA (Schols, H. A.); de Waard, P (de Waard, P.); Gatenholm, P (Gatenholm, P.) In: JOURNAL OF APPLIED POLYMER SCIENCE Volume: 125 Issue: 3 Pages: 2348-2355, WOS
- [1.1] Yuan, TQ (Yuan, Tong-Qi); You, TT (You, Ting-Ting); Wang, W (Wang, Wei); Xu, F (Xu, Feng); Sun, RC (Sun, Run-Cang), In: BIORESOURCE TECHNOLOGY Volume: 136 Pages: 345-350, WOS
- [1.1] Zhang, LM (Zhang, Li-Ming); Yuan, TQ (Yuan, Tong-Qi); Xu, F (Xu, Feng); Sun, RC (Sun, Run-Cang), In: INDUSTRIAL CROPS AND PRODUCTS Volume: 45 Pages: 52-57, WOS
- [1.1] Zhang, XQ (Zhang, Xue-Qin); Liu, CF (Liu, Chuan-Fu); Sun, RC (Sun, Run-Cang), In: ADVANCES IN ENVIRONMENTAL TECHNOLOGIES, PTS 1-6 Book Series Title: Advanced Materials Research Volume: 726-731 Pages: 4504-4508, WOS
- [1.1] Zhang, XQ (Zhang, Xue-Qin); Chen, MJ (Chen, Ming-Jie); Liu, CF (Liu, Chuan-Fu); Sun, RC (Sun, Run-Cang), In: JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY Volume: 62 Issue: 3 Pages: 682-690, WOS
- [1.1] : Ren, H (Ren, Hao); Omori, S (Omori, Shigetoshi), In: CELLULOSE CHEMISTRY AND TECHNOLOGY Volume: 48 Issue: 7-8 Pages: 675-681, WOS

### **ABC Chapters in scientific monographs published abroad**

ABC01 BIELY, Peter. Biochemical aspects of the production of microbial cellulases. In *Hemicellulose and Hemicellulases*. - London : Portland Press, 1993, p. 29-51. ISBN 97681855780361.

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- [1.1] Adav, SS (Adav, Sunil S.); Chao, LT (Chao, Lim Tze); Sze, SK (Sze, Siu Kwan) In: MOLECULAR & CELLULAR PROTEOMICS Volume: 11 Issue: 7, WOS
- [1.1] Bajpai, P (Bajpai, Pratima), In: XYLANOLYTIC ENZYMES Pages: 9-18, WOS

- [1.1] Bajpai, P (Bajpai, Pratima), In: XYLANOLYTIC ENZYMES Pages: 19-36, WOS
- [1.1] Bakri, Y (Bakri, Yasser); Mekaeel, A (Mekaeel, Alaa); Koreih, A (Koreih, Amal) BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY Volume: 54 Issue: 4 Pages: 659-664, WOS
- [1.1] Bakri, Y (Bakri, Y.); Akeed, Y (Akeed, Y.); Thonart, P (Thonart, P.) In: BRAZILIAN JOURNAL OF CHEMICAL ENGINEERING Volume: 29 Issue: 3 Pages: 441-447, WOS
- [1.1] Couturier, M (Couturier, Marie); Haon, M (Haon, Mireille); Coutinho, PM (Coutinho, Pedro M.); Henrissat, B (Henrissat, Bernard); Lesage-Meessen, L (Lesage-Meessen, Laurence); Berrin, JG (Berrin, Jean-Guy) Source: APPLIED AND ENVIRONMENTAL MICROBIOLOGY Volume: 77 Issue: 1 Pages: 237-246, WOS
- [1.1] de Carvalho, IPC (Carvalho de Carvalho, Isabela Pena); Detmann, E (Detmann, Edenio); Paulino, MF (Paulino, Mario Fonseca); Mantovani, HC (Mantovani, Hilario Cuquetto); Valadares, SD (Valadares Filho, Sebastiao de Campos); Gomes, DI (Gomes, Daiany Iris); Costa, VAC (Carli Costa, Viviane Aparecida) In: REVISTA BRASILEIRA DE ZOOTECNIA-BRAZILIAN JOURNAL OF ANIMAL SCIENCE Volume: 41 Issue: 3 Pages: 683-691, WOS
- [1.1] Driss, D (Driss, Dorra); Berrin, JG (Berrin, Jean Guy); Juge, N (Juge, Nathalie); Bhiri, F (Bhiri, Fatma); Ghorbel, R (Ghorbel, Raoudha); Chaabouni, SE (Chaabouni, Semia Ellouz), In: PROTEIN EXPRESSION AND PURIFICATION Volume: 90 Issue: 2 Pages: 195-201, WOS
- [1.1] Joshi, C (Joshi, Chetna); Khare, SK (Khare, Sunil Kumar) In: BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY Volume: 55 Issue: 1 Pages: 21-27, WOS
- [1.1] Liu, ZC (Liu, Zhengchu); Dai, XY (Dai, Xiaoyang); Zhang, JZ (Zhang, Juzuo); Xu, JF (Xu, Junfei); Duan, SW (Duan, Shengwen); Zheng, K (Zheng, Ke); Feng, XY (Feng, Xiangyuan); Cheng, LF (Cheng, Lifeng); Shi, J (Shi, Jun) Source: ANNALS OF MICROBIOLOGY Volume: 61 Issue: 4 Pages: 901-906, WOS
- [1.1] Menon, V (Menon, Vishnu); Rao, M (Rao, Mala) In: PROGRESS IN ENERGY AND COMBUSTION SCIENCE Volume: 38 Issue: 4 Pages: 522-550, WOS
- [1.1] Michelin, M (Michelin, Michele); Peixoto-Nogueira, SC (Peixoto-Nogueira, Simone C.); Silva, TM (Silva, Tony M.); Jorge, JA (Jorge, Joao A.); Terenzi, HF (Terenzi, Hector F.); Teixeira, JA (Teixeira, Jose A.); Polizeli, MDTM (Polizeli, Maria de Lourdes T. M.) In: WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY Volume: 28 Issue: 11 Pages: 3179-3186, WOS
- [1.1] Mohamed, SA (Mohamed, Saleh A.); Al-Hindi, RR (Al-Hindi, Rashad R.) In: AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH Volume: 6 Issue: 23 Pages: 5025-5034, WOS
- [1.1] Wang, Q (Wang, Qian); Zhao, LL (Zhao, Li-Li); Sun, JY (Sun, Jian-Yi); Liu, JX (Liu, Jian-Xin); Weng, XY (Weng, Xiao-Yan) In: WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY Volume: 28 Issue: 3 Pages: 929-935, WOS

ABC02      BIELY, Peter. Xylanolytic enzymes. In *Handbook of Food Enzymology*. - New York : Marcel Dekker, Inc., 2003, p. 879-915. ISBN 0-8247-0686-2.

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[1.1]      Andersen, MR (Andersen, Mikael R.); Giese, M (Giese, Malene); de Vries, RP (de Vries, Ronald P.); Nielsen, J (Nielsen, Jens) In: BMC GENOMICS Volume: 13 Article Number: 313, WOS

[1.1]      Dilokpimol, A (Dilokpimol, Adiphol); Nakai, H (Nakai, Hiroyuki); Gottfredsen, CH (Gottfredsen, Charlotte H.); Appeldoorn, M (Appeldoorn, Maaike); Baumann, MJ (Baumann, Martin J.); Nakai, N (Nakai, Natsuko); Schols, HA (Schols, Henk A.); Abou Hachem, M (Abou Hachem, Maher); Svensson, B (Svensson, Birte) Source: CARBOHYDRATE RESEARCH Volume: 346 Issue: 3 Pages: 421-429, WOS

[1.1]      Fujimoto, Z (Fujimoto, Zui); Ichinose, H (Ichinose, Hitomi); Biely, P (Biely, Peter); Kaneko, S (Kaneko, Satoshi) Source: ACTA CRYSTALLOGRAPHICA SECTION F-STRUCTURAL BIOLOGY AND CRYSTALLIZATION COMMUNICATIONS Volume: 67 Pages: 68-71, WOS

[1.1]      Chimphango, AFA (Chimphango, A. F. A.); Rose, SH (Rose, S. H.); van Zyl, WH (van Zyl, W. H.); Gorgens, JF (Goergens, J. F.) In: APPLIED MICROBIOLOGY AND BIOTECHNOLOGY Volume: 95 Issue: 1 Pages: 101-112, WOS

[1.1]      Kabel, MA (Kabel, Mirjam A.); Yeoman, CJ (Yeoman, Carl J.); Han, YJ (Han, Yejun); Dodd, D (Dodd, Dylan); Abbas, CA (Abbas, Charles A.); de Bont, JAM (de Bont, Jan A. M.); Morrison, M (Morrison, Mark); Cann, IKO (Cann, Isaac K. O.); Mackie, RI (Mackie, Roderick I.) Source: APPLIED AND ENVIRONMENTAL MICROBIOLOGY Volume: 77 Issue: 16 Pages: 5671-5681, WOS

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[1.1]      Okeke, BC (Okeke, Benedict C.); Lu, J (Lu, Jue) Source: APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY Volume: 163 Issue: 7 Pages: 869-881, WOS

ABC03      COUGHLAN, M.P. - TUOHY, M.G. - FILHO, E.X.F. - PULS, J. - CLAEYSSSENS, M. - VRŠANSKÁ, Mária - HUGHES, M.M. Enzymological aspects of microbial hemicellulases with emphasis on fungal systems. In *Hemicellulose and Hemicellulases*, 1993. P. 53-84. ISSN 9781855780361.

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[1.1]      Capitani, D (Capitani, Donatella); Di Tullio, V (Di Tullio, Valeria); Proietti, N (Proietti, Noemi) In: PROGRESS IN NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY Volume: 64 Pages: 29-69, WOS

[1.1]      Guerfali, M (Guerfali, Mohamed); Maalej-Achouri, I (Maalej-Achouri, Ines); Belghith, H (Belghith, Hafedh), In: FOOD TECHNOLOGY AND BIOTECHNOLOGY Volume: 51 Issue: 4 Pages: 479-487, WOS

[1.1]      Houbraken, J (Houbraken, J.); Spierenburg, H (Spierenburg, H.); Frisvad, JC (Frisvad, J. C.) In: ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY Volume: 101 Issue: 2 Pages: 403-421, WOS

[1.1]      Maalej-Achouri, I (Maalej-Achouri, Ines); Guerfali, M (Guerfali,

Mohamed); Belhaj-Ben Romdhane, I (Belhaj-Ben Romdhane, Ines); Gargouri, A (Gargouri, Ali); Belghith, H (Belghith, Hafedh) In: INTERNATIONAL BIODETERIORATION & BIODEGRADATION Volume: 75 Pages: 43-48, WOS

[1.1] Pal, A (Pal, Ajay); Khanum, F (Khanum, Farhath) Source: FOOD TECHNOLOGY AND BIOTECHNOLOGY Volume: 49 Issue: 2 Pages: 228-236, WOS

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ABC06 KOGAN, Grigorij - ŠOLTÉS, Ladislav - STERN, Robert - SCHILLER, Jürgen - MENDICHI, Raniero. Hyaluronic acid: its function and degradation in vivo systems. In *Bioactive natural products (Part N)*. - Amsterdam : Elsevier, 2008, p.789-882. ISBN 978-0-444-53180-3.

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[1.1] HOLUBOVA, L. - KORECKA, L. - PODZIMEK, S. - MORAVCOVA, V. - ROTKOVA, J. - EHLOVA, T. - VELEBNY, V. - BILKOVA, Z. Enhanced multiparametric hyaluronan degradation for production of molar-mass-defined fragments. In CARBOHYDRATE POLYMERS. ISSN 0144-8617, 2014, vol. 112, p. 271-276., WOS

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[1.2] IANNITTI, T. LODI, D. - PALMIERI, B. Intra-articular injections for the treatment of osteoarthritis: Focus on the clinical use of hyaluronic acid. In *DRUGS IN R AND D*. ISSN 1174-5886, 2011, vol. 11, no. 1, p. 13-27, SCOPUS

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- [1.1]      Benner, SA (Benner, Steven A.); Kim, HJ (Kim, Hyo-Joong); Carrigan, MA (Carrigan, Matthew A.) In: ACCOUNTS OF CHEMICAL RESEARCH Volume: 45 Issue: 12 Pages: 2025-2034, WOS
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- [1.1]      Gunther, WR (Gunther, William R.); Wang, YR (Wang, Yuran); Ji, YW (Ji, Yuewei); Michaelis, VK (Michaelis, Vladimir K.); Hunt, ST (Hunt, Sean T.); Griffin, RG (Griffin, Robert G.); Roman-Leshkov, Y (Roman-Leshkov, Yuriy) In: NATURE COMMUNICATIONS Volume: 3 Article Number: 1109, WOS
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#### **AFG Abstracts of papers from foreign conferences**

AFG01 BAÑASOVÁ, Mária - VALACHOVÁ, Katarína - HRABÁROVÁ, Eva - PRIESOLOVÁ, Elena - NAGY, Milan - JURÁNEK, Ivo - ŠOLTÉS, Ladislav. Early stage of the acute phase of joint inflammation. In vitro testing of bucillamine and its oxidized metabolite SA981 in function of antioxidants. In *Interdisciplinary toxicology*, 2011, vol. 4, no. 2, p. A22. ISSN 1337-6853. EU COST program (CM-1001), EU SF (ITMS-26240220040), VEGA (2/0011/11, 2/0083/09, 2/0056/10, 1/01145/10).

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#### **AGJ Patent applications, utility model applications, design applications, trademark applications, applications for granting supplementary protection certificate, applications for registration of topographies of semiconductor products, designations of origin applications, geographical indications of goods and products applications, breeder's certificate applications**

AGJ01 ŠTOLC, Svorad - POVAŽANEC, František - BAUER, Viktor - MÁJEKOVÁ, Magdaléna - WILCOX, Allan L. - ŠNIRC, Vladimír - RAČKOVÁ, Lucia - SOTNÍKOVÁ, Ružena - ŠTEFEK, Milan - GÁSPÁROVÁ, Zdenka - GAJDOŠÍKOVÁ, Alena - MIHALOVÁ, Danica - ALFOLDI, Juraj. *Pyridoinolové deriváty s antioxidačnými vlastnosťami, spôsob ich prípravy a použitia v liečebnej praxi a farmaceutické prostriedky : Patentový spis č. 287506. Druh dokumentu: B6. Číslo prihlášky: 1321-2003. Dátum podania prihlášky: 23.10.2003. Dátum*

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