

Title (en)
Process for producing xylooligosaccharides

Title (de)
Verfahren zur Herstellung von Xylooligosacchariden

Title (fr)
Procédé pour la fabrication des xylooligosaccharides

Publication
EP 1304412 A2 20030423 (EN)

Application
EP 02028861 A 20000322

Priority
• EP 00302354 A 20000322
• JP 7754999 A 19990323
• JP 22906899 A 19990813

Abstract (en)
Xylooligosaccharide is produced from a lignocellulose pulp by enzyme-treating a lignocellulose pulp with hemicellulase, filtering the resultant reaction mixture to separate a liquid fraction from the enzyme-treated pulp, subjecting the separated liquid fraction to a permeation treatment through a separation membrane to separate a non-permeated fraction containing xylooligosaccharide-lignin complex with an increased concentration from a permeated fraction, collecting the non-permeated fraction, and separating and recovering xylooligosaccharide from the collected non-permeated fraction. <IMAGE>

IPC 1-7
B01D 61/00; **B01D 61/02**; **B01D 61/14**; **B01D 63/00**; **D21C 11/00**; **D21C 5/00**

IPC 8 full level
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CPC (source: EP)
D21C 5/005 (2013.01); **D21C 9/147** (2013.01); **D21C 11/0042** (2013.01)

Cited by
KR20190014407A; CN103502259A; RU2609000C2; CN111004827A; WO2012151526A3; US8894771B2; US9783860B2; US9797021B2; US10487369B2; US9845514B2; US9963555B2; US9976194B2; US10041138B1; US8895265B2; US11078548B2; US11091815B2; EP4293121A2; US8883451B2; US8968479B2; WO2015107413A1; US9359651B2; US9963725B2; US10053745B2; US10858712B2; US10760138B2; US10793646B2

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EP 1039020 A1 20000927; **EP 1039020 B1 20040218**; CA 2301371 A1 20000923; CA 2301371 C 20090901; CA 2627846 A1 20000923; CA 2627846 C 20110104; EP 1304412 A2 20030423; EP 1304412 A3 20030625; EP 1304412 B1 20050914

DOCDB simple family (application)
EP 00302354 A 20000322; CA 2301371 A 20000320; CA 2627846 A 20000320; EP 02028861 A 20000322