

Title (en)

OXIDIZED LIGNIN-CONTAINING MATERIAL, USE THEREOF AND METHOD OF PURIFYING CONTAMINATED FLUIDS

Title (de)

OXIDIERTES LIGNINHALTIGES MATERIAL, VERWENDUNG DAVON UND VERFAHREN ZUR REINIGUNG KONTAMINierter FLÜSSIGKEITEN

Title (fr)

SUBSTANCE CONTENANT DE LA LIGNINE OXYDÉE, UTILISATION DE CETTE SUBSTANCE, ET PROCÉDÉ DE PURIFICATION DE FLUIDES CONTAMINÉS

Publication

EP 2501745 A4 20131106 (EN)

Application

EP 10831203 A 20101118

Priority

- FI 20096198 A 20091118
- FI 2010050932 W 20101118

Abstract (en)

[origin: WO2011061399A1] The present invention relates to oxidized lignin-containing materials and derivatives thereof and their uses. In particular, the invention relates to oxidized lignin-containing materials capable of sorbing positively charged components, such as metal ions, from aqueous fluids, such as industrial effluents. The present invention further provides a method for purifying an aqueous fluid containing charged components and a method for purifying solids permeable to aqueous fluid, said solids containing charged components.

IPC 8 full level

C08H 7/00 (2011.01); **B01D 15/36** (2006.01); **B01J 20/24** (2006.01); **C02F 1/28** (2006.01); **C07G 1/00** (2011.01); **C08H 8/00** (2010.01)

CPC (source: EP)

B01J 20/24 (2013.01); **B01J 20/281** (2013.01); **B01J 20/328** (2013.01); **C02F 1/286** (2013.01); **C02F 1/683** (2013.01); **C07G 1/00** (2013.01); **C08H 6/00** (2013.01); **C08H 8/00** (2013.01); **D21C 11/0007** (2013.01); **B01J 2220/4837** (2013.01); **C02F 2101/20** (2013.01)

Citation (search report)

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- [X] WO 02092669 A1 20021121 - AVENA OY [FI], et al
- [X] VILLAR J C ET AL: "Oxidation of hardwood kraft-lignin to phenolic derivatives with oxygen as oxidant", WOOD SCIENCE AND TECHNOLOGY, SPRINGER VERLAG, BERLIN, DE, vol. 35, no. 3, 1 June 2001 (2001-06-01), pages 245 - 255, XP008150846, ISSN: 0043-7719
- See references of WO 2011061399A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011061399 A1 20110526; EP 2501745 A1 20120926; EP 2501745 A4 20131106; FI 20096198 A0 20091118

DOCDB simple family (application)

FI 2010050932 W 20101118; EP 10831203 A 20101118; FI 20096198 A 20091118