

Title (en)

Process for production of ethanol from recycled cotton

Title (de)

Verfahren zur Herstellung von Ethanol aus recycelter Baumwolle

Title (fr)

Procédé de production d'éthanol à partir de coton recyclé

Publication

EP 2364365 A2 20110914 (FR)

Application

EP 09802158 A 20091204

Priority

- FR 2009052417 W 20091204
- FR 0858307 A 20081205

Abstract (en)

[origin: WO2010063981A2] The invention relates to the use of recycled textile cotton for producing ethanol using a method that includes the following steps: a) textile cotton pretreatment involving: - optionally crushing the textile cotton and - pretreating the textile cotton, crushed or otherwise, through defibration 5 in an extruder; b) enzymatic hydrolysis; c) filtration(s); and (d) fermentation.

IPC 8 full level

C12P 7/08 (2006.01); **C12P 7/10** (2006.01)

CPC (source: EP US)

C12P 7/08 (2013.01 - EP US); **C12P 7/10** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2010063981A2

Citation (examination)

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- LEE S H ET AL: "Enzymatic saccharification of woody biomass micro/nanofibrillated by continuous extrusion process I - Effect of additives with cellulose affinity", BIORESOURCE TECHNOLOGY, ELSEVIER BV, GB, vol. 100, no. 1, 1 January 2009 (2009-01-01), pages 275 - 279, XP025407599, ISSN: 0960-8524, [retrieved on 20080715], DOI: 10.1016/J.BIORTECH.2008.05.051
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DOCDB simple family (publication)

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