

Title (en)
METHOD FOR PRODUCING CORN STALK PULP AND PAPER PRODUCTS FROM CORN STALK PULP

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MAISSTENGELPULPE UND DARAUS HERGESTELLTE PAPIERPRODUKTE

Title (fr)
PROCEDE DE PRODUCTION DE PATE DE MAIS ET PRODUITS EN PAPIER OBTENUS A PARTIR DE PATE DE MAIS

Publication
EP 1604060 A4 20060802 (EN)

Application
EP 04754044 A 20040603

Priority
• US 2004017341 W 20040603
• US 46334603 A 20030618

Abstract (en)
[origin: US2004256065A1] A new method for making pulp out of agricultural residue includes harvesting certain portion of plant stalk. The harvested plant stalk is bailed, transported and stored. At the mill, the plant stalk is chopped and goes through pulping process. The pulp is used to make varieties of papers with or without blending other wood based pulp.

IPC 1-7
D21B 1/16; **D21C 1/06**; **D21C 3/20**; **D21C 9/153**; **D21C 9/16**

IPC 8 full level
D21B 1/00 (2006.01); **D21B 1/04** (2006.01); **D21B 1/16** (2006.01); **D21C 1/02** (2006.01); **D21C 1/06** (2006.01); **D21C 3/00** (2006.01); **D21C 3/02** (2006.01); **D21C 3/20** (2006.01); **D21C 7/00** (2006.01); **D21C 9/153** (2006.01); **D21C 9/16** (2006.01); **D21H 11/12** (2006.01); **D21C 5/00** (2006.01); **D21C 9/10** (2006.01)

CPC (source: EP KR US)
D21B 1/00 (2013.01 - EP US); **D21B 1/16** (2013.01 - KR); **D21C 1/06** (2013.01 - KR); **D21C 3/02** (2013.01 - EP US); **D21C 3/20** (2013.01 - KR); **D21C 9/16** (2013.01 - KR); **D21H 11/12** (2013.01 - EP US); **D21C 5/00** (2013.01 - EP US); **D21C 9/10** (2013.01 - EP US)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2005001195A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2004256065 A1 20041223; AU 2004233518 A1 20050203; BR PI0405647 A 20050628; CA 2485520 A1 20041218; CN 1697901 A 20051116; EA 200500246 A1 20051229; EP 1604060 A1 20051214; EP 1604060 A4 20060802; JP 2006527800 A 20061207; KR 20060008222 A 20060126; MX PA05001337 A 20051018; NO 20045187 L 20050331; WO 2005001195 A1 20050106; ZA 200409578 B 20060329

DOCDB simple family (application)
US 46334603 A 20030618; AU 2004233518 A 20040603; BR PI0405647 A 20040603; CA 2485520 A 20040603; CN 200480000325 A 20040603; EA 200500246 A 20040603; EP 04754044 A 20040603; JP 2006517169 A 20040603; KR 20047019573 A 20041201; MX PA05001337 A 20040603; NO 20045187 A 20041126; US 2004017341 W 20040603; ZA 200409578 A 20041126