

Title (en)
Method for making plies for paperboard

Title (de)
Verfahren zur Herstellung einer mehrlagigen Pappe

Title (fr)
Procédé de fabrication d'un carton multicouche

Publication
EP 1835075 A1 20070919 (EN)

Application
EP 07251134 A 20070316

Priority
US 78362406 P 20060317

Abstract (en)
Methods for improving the internal bond strength of paperboard with greater than 25 percent crosslinked fiber in at least one ply are described. In the methods, additives are added to the slurry in various combinations and order while maintaining the ionic demand of the slurry at less than zero. Paperboard with high ZDT, Scott Bond and Taber Stiffness is obtained.

IPC 8 full level
D21H 23/10 (2006.01)

CPC (source: EP US)
D21H 21/18 (2013.01 - EP US); **D21H 23/08** (2013.01 - EP US); **D21H 23/10** (2013.01 - EP US); **D21H 11/10** (2013.01 - EP US); **D21H 11/20** (2013.01 - EP US); **D21H 17/28** (2013.01 - EP US); **D21H 17/29** (2013.01 - EP US); **D21H 17/44** (2013.01 - EP US); **D21H 17/54** (2013.01 - EP US); **D21H 17/66** (2013.01 - EP US); **D21H 27/30** (2013.01 - EP US); **D21H 27/38** (2013.01 - EP US)

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

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AL BA HR MK YU

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DOCDB simple family (application)
EP 07251134 A 20070316; BR PI0702166 A 20070316; CA 2581898 A 20070315; CN 200710088604 A 20070316; JP 2007069826 A 20070319; US 68674207 A 20070315