

Title (en)
PROCESS FOR MANUFACTURING A SHEET MATERIAL

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES BAHNMATERIALS

Title (fr)
PROCÉDÉ DE FABRICATION D'UN MATÉRIAU EN FEUILLE

Publication
EP 2173946 B2 20200722 (FR)

Application
EP 08827310 A 20080711

Priority
• FR 2008051318 W 20080711
• FR 0756415 A 20070711

Abstract (en)
[origin: WO2009022071A2] The present invention relates to a process for manufacturing a sheet material, comprising at least two fibrous plies juxtaposed one on top of the other, said process comprising the following steps: a first paper ply, which includes at least one elongate region of zero thickness, is produced by filtration of an aqueous suspension of fibres on the wire of a first cylinder mould or of a former, an at least partially transparent element being inserted into said ply during the formation of said ply, and such that said at least transparent element is placed at least in said elongate region of zero thickness; a second paper ply is produced on the wire of a second cylinder mould so as to form at least one recess in said second ply; the two plies are joined together so that at least one recess in the second ply is located facing said at least one elongate region of zero thickness of the first ply comprising an at least partially transparent element; and thus a window is formed and the structure thus obtained is dried.

IPC 8 full level
D21H 27/30 (2006.01); **D21F 11/08** (2006.01); **D21H 21/40** (2006.01); **D21H 21/42** (2006.01); **D21H 21/44** (2006.01); **D21H 27/32** (2006.01)

CPC (source: EP US)
D21H 21/40 (2013.01 - EP US); **D21H 27/32** (2013.01 - EP US); **Y10T 428/24331** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2918680 A1 20090116; **FR 2918680 B1 20091016**; BR PI0813542 A2 20141223; BR PI0813542 B1 20190115; CA 2692479 A1 20090219; CN 101743359 A 20100616; EP 2173946 A2 20100414; EP 2173946 B1 20130904; EP 2173946 B2 20200722; ES 2436144 T3 20131227; ES 2436144 T5 20210406; PL 2173946 T3 20140131; PL 2173946 T5 20230605; RU 2010104171 A 20110820; RU 2482234 C2 20130520; US 2010207377 A1 20100819; WO 2009022071 A2 20090219; WO 2009022071 A3 20090409

DOCDB simple family (application)
FR 0756415 A 20070711; BR PI0813542 A 20080711; CA 2692479 A 20080711; CN 200880024120 A 20080711; EP 08827310 A 20080711; ES 08827310 T 20080711; FR 2008051318 W 20080711; PL 08827310 T 20080711; RU 2010104171 A 20080711; US 66674708 A 20080711