

Title (en)  
DEVICE AND METHOD RELATING TO FIBRE MOULDING

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM PAPIERFASERGUSS

Title (fr)  
DISPOSITIF ET PROCÉDÉ POUR LE MOULAGE DE FIBRES

Publication  
**EP 2027337 B1 20130116 (EN)**

Application  
**EP 07716109 A 20070309**

Priority  
• SE 2007050136 W 20070309  
• SE 0600542 A 20060310

Abstract (en)  
[origin: WO2007106026A1] The invention relates to a method for the production of three dimensional fibre based molded board products, the products produced in a production facility comprising a stock preparation section (1) comprising a pulper (19) for preparing a pulp slurry, the pulper (19) connected to a forming section (3), the forming section (3) comprising a forming tank (16) and a forming unit (20), and a white water tank (5) recycling white water from the forming unit (20) to the stock preparation section (1), wherein that ozone gas (31) is mixed-in, in order to render the flocculation more effective through increased aggregation of finer particles, in at least one of the following positions: 1) the white water tank (5) 2) between the white water tank (5) and stock preparation section (1) 3) the stock preparation section (1), 4) the forming tank (16) and 5) between the forming unit (20) and the white water tank (5).

IPC 8 full level  
**D21J 7/00** (2006.01); **D21H 21/10** (2006.01); **D21H 21/36** (2006.01); **D21H 23/76** (2006.01)

CPC (source: EP SE)  
**D21H 21/10** (2013.01 - SE); **D21H 21/36** (2013.01 - SE); **D21H 23/765** (2013.01 - EP); **D21J 3/00** (2013.01 - SE); **D21J 7/00** (2013.01 - EP); **D21H 17/63** (2013.01 - EP); **D21H 21/10** (2013.01 - EP); **D21H 21/16** (2013.01 - EP); **D21H 21/36** (2013.01 - EP)

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

DOCDB simple family (publication)  
**WO 2007106026 A1 20070920**; EP 2027337 A1 20090225; EP 2027337 A4 20100428; EP 2027337 B1 20130116; ES 2403344 T3 20130517; PL 2027337 T3 20130731; SE 0600542 L 20070911; SE 530340 C2 20080506; SE 530340 C8 20080624; ZA 200808638 B 20100929

DOCDB simple family (application)  
**SE 2007050136 W 20070309**; EP 07716109 A 20070309; ES 07716109 T 20070309; PL 07716109 T 20070309; SE 0600542 A 20060310; ZA 200808638 A 20070309