

Title (en)
DEVICE AND METHOD FOR PRODUCING A MATERIAL WEB

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER MATERIALBAHN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UNE BANDE DE MATÉRIAU

Publication
EP 2640890 B1 20150923 (DE)

Application
EP 11773254 A 20111021

Priority
• DE 102010044079 A 20101117
• EP 2011068403 W 20111021

Abstract (en)
[origin: WO2012065804A1] The invention relates to a machine (1) for producing a multiple-layer fibrous web (2), in particular a cardboard web, having a forming region (IV) for forming the multiple-layer fibrous web (2), which forming region (IV) comprises at least two layer forming regions (I, II, III) for forming the fibrous web layers, and having a press region which adjoins the forming region (IV). The machine (1) according to the invention is characterized in that, for dewatering, a dewatering unit (E) is provided with a press zone, through which the fibrous web (2) and/or a fibrous web layer is guided such that it lies between a circulating, permeable belt (4, 4.1, 6.1) and a circulating, permeable supporting belt (3, 6, 6.1), and wherein the press zone is configured in such a way that the permeable belt (4, 4.1, 6.1), the fibrous web (2) and/or a fibrous web layer and the permeable supporting belt (3, 6, 6.1) can be flowed through by a fluid, at least on part of the length of the press zone, and the press zone is formed by a permeable press element (5) and a permeable corresponding element (7).

IPC 8 full level
D21F 11/04 (2006.01); **D21F 3/02** (2006.01); **D21F 9/00** (2006.01)

CPC (source: EP)
D21F 3/0272 (2013.01); **D21F 9/006** (2013.01); **D21F 11/04** (2013.01)

Citation (examination)
US 2010193149 A1 20100805 - QUIGLEY SCOTT D [US]

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

DOCDB simple family (publication)
DE 102010044079 A1 20120524; CN 103328723 A 20130925; EP 2640890 A1 20130925; EP 2640890 B1 20150923; EP 2712958 A1 20140402; EP 2712958 B1 20160413; WO 2012065804 A1 20120524

DOCDB simple family (application)
DE 102010044079 A 20101117; CN 201180065241 A 20111021; EP 11773254 A 20111021; EP 13198087 A 20111021; EP 2011068403 W 20111021