

Title (en)
FORMING SECTION

Title (de)
FORMBEREICH

Title (fr)
SECTION DE FORMATION

Publication
EP 2212471 B1 20180523 (EN)

Application
EP 08854819 A 20081104

Priority
• FI 2008050627 W 20081104
• FI 20075851 A 20071128

Abstract (en)
[origin: WO2009068728A1] A forming section comprises a lower wire loop (11) which constitutes a first single- wire section (T1) following a breast roll (12). The beginning of the first single- wire section comprises a first dewatering zone (Z1) which consists of at least one stationary, first forming shoe (40) and a pulsating strip cover (50) following it. In the first forming shoe, there are a leading edge and a trailing edge as well as a cover provided with through holes and underpressure affecting through the holes of the cover. The holes are constituted of openings or slots substantially in the longitudinal direction of the machine, whereby non-pulsating dewatering is applied on the stock travelling on top of the lower wire. The forming section further comprises a multi-layer headbox (30) by means of which a pulp suspension jet is fed at an impact point after the leading edge of the first forming shoe. The cover of the first forming shoe is straight at least on the section between the impact point of the pulp suspension jet and the trailing edge of the first forming shoe.

IPC 8 full level
D21F 1/00 (2006.01); **D21F 1/48** (2006.01); **D21F 1/52** (2006.01); **D21F 9/00** (2006.01); **D21F 11/04** (2006.01)

CPC (source: EP FI)
D21F 1/00 (2013.01 - FI); **D21F 9/006** (2013.01 - EP); **D21F 11/04** (2013.01 - FI)

Cited by
CN103669082A; CN105887549A; CN105887550A

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)
WO 2009068728 A1 20090604; CN 101878338 A 20101103; CN 101878338 B 20130102; EP 2212471 A1 20100804; EP 2212471 A4 20140806; EP 2212471 B1 20180523; FI 20075851 A0 20071128; FI 20075851 L 20090529

DOCDB simple family (application)
FI 2008050627 W 20081104; CN 200880118223 A 20081104; EP 08854819 A 20081104; FI 20075851 A 20071128