

Title (en)
FORMING SECTION

Title (de)
FORMBEREICH

Title (fr)
SECTION DE MISE EN FORME

Publication
EP 2350385 A4 20120502 (EN)

Application
EP 09821642 A 20091012

Priority
• FI 2009050814 W 20091012
• FI 20086008 A 20081024

Abstract (en)
[origin: WO2010046527A1] The forming section comprises two wire loops (11, 21) which form a twin- wire zone which comprises a dewatering element (40) performing initial dewatering and a dewatering device (100b) following it. The dewatering device (100b) comprises a stationary support shaft (110) on which are supported support elements (111, 112, 113, 114) around which circles an impermeable belt loop (120). The dewatering device (100b) further comprises a curvilinear dewatering zone (Z30) over which the wires (11, 21) travel supported by the belt loop (120). The degree of curvature of the curve of the curvilinear dewatering zone (Z30) increases in the travel direction of the belt (120) such that increasing dewatering pressure is applied to pulp suspension travelling between the wires (11, 21) on the curvilinear dewatering zone (Z30).

IPC 8 full level
D21F 9/00 (2006.01); **D21F 1/36** (2006.01); **D21F 7/00** (2006.01)

CPC (source: EP FI)
D21F 1/36 (2013.01 - EP); **D21F 1/48** (2013.01 - FI); **D21F 7/005** (2013.01 - EP); **D21F 9/003** (2013.01 - EP FI)

Citation (search report)
• [X] DE 3142045 A1 19830511 - VOITH GMBH J M [DE]
• [AD] US 6342126 B1 20020129 - GRABSCHEID JOACHIM [DE], et al
• See references of WO 2010046527A1

Cited by
EP3913135A1; EP3913133A1; EP3913134A1; DE102021113491A1; EP3913136A1; EP4006230A1

Designated contracting state (EPC)
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