

Title (en)

Machine for making a paper web, in particular a tissue web

Title (de)

Maschine zur Herstellung einer Faserstoffbahn, insbesondere einer Tissue-Papierbahn

Title (fr)

Machine pour la fabrication d'une bande de papier, en particulier une bande de papier tissu

Publication

**EP 0926296 B1 20040707 (DE)**

Application

**EP 98121245 A 19981107**

Priority

DE 19756422 A 19971218

Abstract (en)

[origin: US6235160B1] Machine and process for producing a fiber material web that includes at least one press device having a shoe press unit and a drying drum, such that the shoe press unit and the drying drum are positioned to form an elongated press nip. The machine also includes at least one belt that is water-permeable and water-absorbent and that is adapted to guide the fiber material web through the press nip, and at least one suction device located ahead of the elongated press nip, relative to a belt travel direction. The at least one belt is guided over the at least one suction device. The process includes guiding the at least one belt over the at least one suction device and suctioning the at least one belt, such that moisture is removed from the at least one belt, and guiding the fiber material web and the suctioned at least one belt through the extended press nip.

IPC 1-7

**D21F 11/14**; **D21F 3/02**; **D21F 7/12**

IPC 8 full level

**D21F 3/02** (2006.01); **D21F 7/12** (2006.01); **D21F 11/14** (2006.01)

CPC (source: EP US)

**D21F 3/0281** (2013.01 - EP US); **D21F 3/045** (2013.01 - EP US); **D21F 11/14** (2013.01 - EP US); **D21F 11/145** (2013.01 - EP US)

Citation (examination)

DE 4216264 A1 19931118 - ESCHER WYSS GMBH [DE]

Cited by

WO2020064167A1; US7662260B2; DE102018123390A1; DE102018123389A1; DE10032251A1; EP1176250A3; EP1156153A1; EP1111126A3; US6780282B2; US11220785B2; US6514385B2; WO0188259A1; US11613848B2

Designated contracting state (EPC)

AT DE FI GB IT SE

DOCDB simple family (publication)

**US 6235160 B1 20010522**; AT E270727 T1 20040715; BR 9805673 A 19991207; CA 2256108 A1 19990618; CA 2256108 C 20070220; DE 19756422 A1 19990624; DE 59811653 D1 20040812; EP 0926296 A2 19990630; EP 0926296 A3 20000503; EP 0926296 B1 20040707; JP H11241288 A 19990907

DOCDB simple family (application)

**US 21389498 A 19981217**; AT 98121245 T 19981107; BR 9805673 A 19981215; CA 2256108 A 19981216; DE 19756422 A 19971218; DE 59811653 T 19981107; EP 98121245 A 19981107; JP 35617598 A 19981215