

Title (en)

Shoe suction roll

Title (de)

Schuhsaugpresswalze

Title (fr)

Rouleau aspirant à sabot

Publication

EP 1995378 A3 20100113 (DE)

Application

EP 08152110 A 20080229

Priority

DE 102007024508 A 20070525

Abstract (en)

[origin: EP1995378A2] The mechanism (1) has a suction press roller (5) with a rotatably perforated roller sleeve (7). A suction zone (S) extends over a portion of an inner circumference (10) of the roller sleeve in a circumferential direction. A shoe press roller (6) is arranged inside of the roller sleeve, where the shoe press roller works against the inner circumference of the roller sleeve. A contact pressure of a pressing unit (15) parallel to a longitudinal axis of the suction press roller is controllable. Independent claims are also included for the following: (1) a method for modification of a pressing mechanism with a suction press roller for increasing adjustable line pressure in press nips (2) a pressing device comprising openings.

IPC 8 full level

D21F 3/10 (2006.01); **D21F 3/02** (2006.01)

CPC (source: EP US)

D21F 3/0218 (2013.01 - EP US); **D21F 3/10** (2013.01 - EP US)

Citation (search report)

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- [X] WO 0136746 A1 20010525 - ANDRITZ AG MASCHF [AT], et al
- [X] US 6200427 B1 20010313 - KOTITSCHKE GERHARD [DE], et al
- [A] WO 2004035914 A2 20040429 - ANDRITZ AG MASCHF [AT], et al
- [A] EP 1394320 A1 20040303 - VOITH PAPER PATENT GMBH [DE]

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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