

Title (en)

Draw roller for transporting a web, in particular a paper web in a web-fed press

Title (de)

Zugwalze zum Transport einer Materialbahn, insbesondere einer Papierbahn in einer Rollendruckmaschine

Title (fr)

Rouleau tendeur pour transporter une bande de matériau, en particulier une bande de papier dans une presse à bobine

Publication

**EP 0681974 B1 19980812 (DE)**

Application

**EP 95810293 A 19950503**

Priority

CH 147294 A 19940511

Abstract (en)

[origin: EP0681974A1] The transport roller has a stationary roller core (1) and a relatively rotatable outer mantle (2) incorporating a number of suction openings (3), around which the paper web is passed. The suction source is coupled to an internal suction guide (6, 7) at the inner circumference of the outer mantle, for providing a wedge-shaped suction surface at the mantle periphery, with its apex facing in the opposite direction of the roller rotation. The suction surface widens out to either side of the apex at the same angle, with a width at its base corresponding to the width of the paper web. The outer dia. of the roller tapers inwards from each outer edge towards the centre. <IMAGE>

IPC 1-7

**B65H 23/025**; **B65H 23/24**; **B65H 20/12**; **B65H 27/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE10359113A1; EP2239217A3; DE102007018117A1; DE102007018117B4; US9475672B2; WO2008068399A3; WO2011141032A1

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DE DK FR

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