

Title (en)

Extended-nip press for dewatering of a fibrous web

Title (de)

Langspalt-Walzenpresse zum Entwässern einer Faserstoffbahn

Title (fr)

Presse à ligne de contact élargie pour la déshydratation d'une bande fibreuse

Publication

**EP 1275773 B1 20050921 (DE)**

Application

**EP 02014909 A 20020705**

Priority

DE 10133531 A 20010711

Abstract (en)

[origin: EP1275773A1] A paper making de-watering press has an upper-roller (2) in contact with the flexible mantle (7) of a lower roller (1) together exerting a squeeze on a paper web (5) as this passes between them. The lower roller (1) is supported by a beam (6) with an upper shoe (10) and convex base block (11). The shoe (10) is esp. tilted (L) with its base away from the common centreline (S). The shoe (10) and beam (6) are tilted 1 to 5 degrees. The distance between the web inlet and centreline (S) is longer than the distance between centreline and web release point. The shoe (10) is supported by a number of hydraulic cylinders.

IPC 1-7

**D21F 3/02**

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

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