

Title (en)

Pressing arrangement and a press roll for such an arrangement

Title (de)

Presseanordnung sowie Presswalze für eine solche Pressenanordnung

Title (fr)

Dispositif de pressage et un rouleau de pressage pour un tel dispositif

Publication

EP 1039022 A3 20010919 (DE)

Application

EP 00103923 A 20000224

Priority

DE 19912495 A 19990319

Abstract (en)

[origin: EP1039022A2] In the press assembly for handling a fiber web, of paper or cardboard, at least one press roller (18) is mounted with a floating bearing (26) at least at one end of the roller. The bearing rings (32) within the bearing housing (28) have a relative sliding movement against each other along the line of the roller axis (X). The bearing rings (30,32) can tilt against each other with a max. tilt angle of 0.5 degrees . The bearing rings (30,32) are supported on all sides by bearing rollers (36) between them. The floating bearing (26) is at least at the leading side of the roller. The bearing housing (28) is rigidly fixed to the roller support mounting. The press assembly has at least one shoe press with a counter roller (18) at the shoe press roller. The counter roller (18) is fitted with a floating bearing (26) at least at one end. The bearings of the press rollers are keyed to the bearing housing of the counter roller (18), to allow for a sliding movement through length changes in the press rollers.

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D21F 3/02

IPC 8 full level

D21F 3/02 (2006.01); **D21F 3/04** (2006.01)

CPC (source: EP US)

D21F 3/02 (2013.01 - EP US); **D21F 3/04** (2013.01 - EP US); **D21F 3/045** (2013.01 - EP US)

Citation (search report)

- [X] DE 29702570 U1 19970710 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [PX] DE 19822145 A1 19991202 - VOITH SULZER PAPIERTECH PATENT [DE]
- [A] DE 4445123 A1 19960620 - SKF GMBH [DE]
- [A] DE 19709369 A1 19971030 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [A] DE 9204405 U1 19920611

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