

Title (en)
Press arrangement

Title (de)
Pressenanordnung

Title (fr)
Arrangement de presse

Publication
EP 0837183 B1 20011121 (DE)

Application
EP 97116126 A 19970917

Priority
DE 19642401 A 19961014

Abstract (en)
[origin: US6030502A] Press arrangement for a machine for treating a fibrous pulp sheet. The press arrangement may include a shoe press roll having a flexible press sleeve, a mating roll having a mating roll axis, and a press nip extended in a run direction of the fibrous pulp sheet and formed between the shoe press roll and the mating roll. The press arrangement may also include a non-rotating carrier substantially extending across a machine width inside the flexible press sleeve, a press unit including at least one press shoe supported on the non-rotating carrier via at least one associated force element. The press unit exerts a force against the flexible press roll sleeve. The flexible press sleeve may be arranged to circulate around the non-rotating carrier and to be guided around the at least one press shoe in a press nip area. A portion of the flexible press sleeve, located outside of the press nip area, may circulate in a substantially circular-cylindrical path around a sleeve axis. A center plane of a resulting force exerted by the press unit may be positionally offset a distance in the run direction from a plane including the mating roll axis and the sleeve axis, and the press shoe may be positioned substantially symmetrical to the plane including the mating roll axis and the sleeve axis.

IPC 1-7
D21F 3/02

IPC 8 full level
D21F 3/04 (2006.01); **D21F 3/02** (2006.01)

CPC (source: EP US)
D21F 3/0218 (2013.01 - EP US)

Cited by
WO2020169229A1

Designated contracting state (EPC)
AT DE FI SE

DOCDB simple family (publication)
US 6030502 A 20000229; AT E209272 T1 20011215; CA 2218201 A1 19980414; CA 2218201 C 20061219; DE 19642401 A1 19980416; DE 59705464 D1 20020103; EP 0837183 A1 19980422; EP 0837183 B1 20011121; JP 4331278 B2 20090916; JP H10131077 A 19980519

DOCDB simple family (application)
US 95007597 A 19971014; AT 97116126 T 19970917; CA 2218201 A 19971014; DE 19642401 A 19961014; DE 59705464 T 19970917; EP 97116126 A 19970917; JP 27904097 A 19971013