

Title (en)

Arrangement and method for removing oil from a shoe press in a fiber web machine

Title (de)

Anordnung und Verfahren zum Entfernen von Öl aus einer Schuhpresse in einer Maschine zur Herstellung einer Faserstoffbahn

Title (fr)

Agencement et procédé d'élimination d'huile d'une presse à sabot dans une machine de fabrication d'une bande fibreuse

Publication

EP 2327834 A1 20110601 (EN)

Application

EP 09177165 A 20091126

Priority

EP 09177165 A 20091126

Abstract (en)

The invention relates to an arrangement for removing oil from a shoe press in a fiber web machine. The shoe press includes a fixed beam (10) and a loading shoe (11) arranged movably on the beam (10). The shoe press further includes a flexible belt (13) interacting with the loading shoe (11) and an oil removal equipment (17) with an inlet opening (18), which is arranged close to a closing nip (19) formed by the loading shoe(11) and the belt (13). The arrangement includes a wipe (21) arranged in connection with the oil removal equipment (17) and adapted in contact with the inner surface of the belt (13) for collecting particles to the inlet opening (18). The invention relates also to method for removing oil from a shoe press in a fiber web machine.

IPC 8 full level

D21F 3/02 (2006.01); **D21G 1/00** (2006.01)

CPC (source: EP)

D21F 3/0218 (2013.01); **D21G 1/006** (2013.01)

Citation (applicant)

- EP 1238149 B1 20050413 - METSO PAPER INC [FI]
- DE 19703966 A1 19980806 - VOITH SULZER PAPIERMASCH GMBH [DE]
- DE 3410172 A1 19840927 - VALMET OY [FI]
- EP 0033293 A1 19810805 - BELOIT CORP [US]

Citation (search report)

- [XY] DE 19703966 A1 19980806 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [Y] DE 3410172 A1 19840927 - VALMET OY [FI]
- [Y] EP 0033293 A1 19810805 - BELOIT CORP [US]
- [A] EP 1722030 A1 20061115 - METSO PAPER INC [FI]
- [AD] EP 1238149 B1 20050413 - METSO PAPER INC [FI]

Cited by

DE102012205185A1; DE102012205186A1; DE102012016804A1; CN111851119A; DE102012016804B4; WO2015171043A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2327834 A1 20110601; EP 2327834 B1 20120627

DOCDB simple family (application)

EP 09177165 A 20091126