

Title (en)

METHOD FOR OPERATING A SHOE PRESS, SHOE PRESS, MACHINE COMPRISING A SHOE PRESS, AND USE OF AN INK IN A LUBRICANT FOR A SHOE PRESS

Title (de)

VERFAHREN ZUM BETREIBEN EINER SCHUHPRESSE, SCHUHPRESSE, MASCHINE UMFASSEND EINER SCHUHPRESSE UND VERWENDUNG EINES FARBSTOFFS IN EINER SCHMIERFLÜSSIGKEIT EINER SCHUHPRESSE

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE PRESSE À SABOT, PRESSE À SABOT, MACHINE COMPORTANT UNE PRESSE À SABOT ET UTILISATION D'UN COLORANT DANS UN FLUIDE LUBRIFIANT D'UNE PRESSE À SABOT

Publication

**EP 4034707 A1 20220803 (DE)**

Application

**EP 20746132 A 20200720**

Priority

- DE 102019126075 A 20190927
- EP 2020070410 W 20200720

Abstract (en)

[origin: WO2021058166A1] The invention relates to a method for operating a shoe press, said shoe press having a shoe on which the radial inner surface of a press jacket slides. Lubricating fluid is introduced between the shoe and the press jacket for lubricating purposes, and the press jacket has at least one polymer layer into which a reinforcing structure is integrated, said reinforcing structure comprising at least one reinforcing thread. The lubricating fluid, the at least one polymer layer, and/or the at least one reinforcing thread is/are designed such that the lubricating fluid reaches the at least one reinforcing thread of the reinforcing structure and produces a color change in same in the event the polymer layer breaks. The invention also relates to a shoe press, to the use of a press jacket in such a shoe press, and to a machine comprising such a shoe press.

IPC 8 full level

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

CPC (source: CN EP US)

**D21F 3/02** (2013.01 - CN); **D21F 3/0218** (2013.01 - EP); **D21F 3/0227** (2013.01 - EP US); **D21F 3/0236** (2013.01 - EP); **D21F 3/045** (2013.01 - US); **D21F 3/08** (2013.01 - CN); **D21G 1/006** (2013.01 - EP US)

Citation (search report)

See references of WO 2021058166A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2021058166 A1 20210401**; CN 114450448 A 20220506; DE 102019126075 A1 20210401; EP 4034707 A1 20220803; EP 4034707 B1 20230524; FI 4034707 T3 20230818; JP 2022550347 A 20221201; US 2022333305 A1 20221020

DOCDB simple family (application)

**EP 2020070410 W 20200720**; CN 202080067631 A 20200720; DE 102019126075 A 20190927; EP 20746132 A 20200720; FI 20746132 T 20200720; JP 2022519230 A 20200720; US 202017764276 A 20200720