

Title (en)

SET OF PRESS CUSHION AND PRESSING PLATE AND METHOD FOR PRODUCING A PRESS CUSHION

Title (de)

SET AUS PRESSPOLSTER UND PRESSBLECH SOWIE VERFAHREN ZUR HERSTELLUNG EINES PRESSPOLSTERS

Title (fr)

ENSEMBLE DE COUSSINET DE PRESSE ET DE PLAQUE DE PRESSION ET PROCÉDÉ DE PRODUCTION D'UN COUSSINET DE PRESSE

Publication

EP 3856506 B1 20230607 (DE)

Application

EP 19813470 A 20191129

Priority

- DE 102018133542 A 20181221
- EP 2019083006 W 20191129

Abstract (en)

[origin: WO2020126402A1] The present invention relates to a press pad (1) for use in hydraulic heating press systems (15), comprising a woven fabric (2), the woven fabric (2) being formed by warp yarns (3) in a warp direction and weft yarns (4) in a weft direction, said yarns being interwoven with one another to form the woven fabric (2). In order to provide a press pad that is improved as compared to the prior art, it is proposed according to the invention that functional yarns (7) are connected to the rest of the woven fabric (2) in the warp direction and/or in the weft direction in such a way that a thickness (9) of the woven fabric (2) is altered in an effective region (21) of the functional yarns (7) as compared to a thickness (10) of the woven fabric (2) outside the effective region (21).

IPC 8 full level

B30B 15/06 (2006.01); **B27N 3/20** (2006.01); **B27N 7/00** (2006.01); **D03D 1/00** (2006.01); **D03D 15/43** (2021.01)

CPC (source: EP US)

B27N 3/203 (2013.01 - EP US); **B27N 7/00** (2013.01 - EP); **B30B 15/061** (2013.01 - EP US); **D03D 1/00** (2013.01 - EP);
D03D 15/25 (2021.01 - US); **D03D 15/43** (2021.01 - EP US); **D10B 2101/20** (2013.01 - EP US); **D10B 2331/021** (2013.01 - EP US);
D10B 2505/00 (2013.01 - EP US)

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

DOCDB simple family (publication)

WO 2020126402 A1 20200625; BR 112021010661 A2 20210824; CN 113165297 A 20210723; CN 113165297 B 20230516;
DE 102018133542 A1 20200625; EP 3856506 A1 20210804; EP 3856506 B1 20230607; ES 2952440 T3 20231031; JP 2022514042 A 20220209;
JP 7247347 B2 20230328; US 11975501 B2 20240507; US 2021229389 A1 20210729

DOCDB simple family (application)

EP 2019083006 W 20191129; BR 112021010661 A 20191129; CN 201980076971 A 20191129; DE 102018133542 A 20181221;
EP 19813470 A 20191129; ES 19813470 T 20191129; JP 2021535251 A 20191129; US 202117221803 A 20210404