

Title (en)
SYSTEM FOR FORMING A LAP OF FIBRES

Title (de)
SYSTEM ZUR BILDUNG EINES VLIESES

Title (fr)
SYSTEME DE FORMATION D'UNE NAPPE DE FIBRES

Publication
EP 3575455 B1 20221005 (FR)

Application
EP 19175781 A 20190521

Priority
FR 1870626 A 20180531

Abstract (en)
[origin: US2019368088A1] A facility for forming a fibre batt, in particular nonwoven, provides a device for producing at least one fibre web, and a crosslapper which provides the fibre batt. The production device provides a carding drum and at least one doffer roller collecting the fibres on the drum and supplying the at least one web to at least one outfeed belt. The crosslapper provides an infeed belt for the introduction of the web in the crosslapper, which supplies the fibre batt formed of a stack of layers of the at least one web, and first control means of the profile of the thickness and/or of the area bulk density and/or of the bulk density of the web or of each web. A drafting means is arranged downstream of the outfeed belt of the production device and upstream of the infeed belt. Second control means may be provided to control drafting means.

IPC 8 full level
D01G 25/00 (2006.01)

CPC (source: CN EP KR US)
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Citation (opposition)
Opponent : AUTEFA Solutions Germany GmbH,
• WO 9924650 A1 19990520 - ASSELIN [FR]
• EP 1381721 B1 20060607 - AUTEFA AUTOMATION GMBH [DE], et al
• EP 1285982 A1 20030226 - DILO KG MASCHF OSKAR [DE]
• EP 1589132 A1 20051026 - THIBEAU [FR]
• EP 2085504 A1 20090805 - ALBIS SPA [IT]
• WO 2015128391 A1 20150903 - AUTEFA SOLUTIONS GERMANY GMBH [DE]
• WO 2004013390 A1 20040212 - AUTEFA AUTOMATION GMBH [DE], et al
• EP 1936016 A2 20080625 - ASSELIN THIBEAU [FR]
• EP 1057906 A1 20001206 - AUTEFA AUTOMATION GMBH [DE]
• EP 0371948 A1 19900606 - HOUGET DUESBERG BOSSON [BE]
• EP 0659220 B1 19971229 - AUTEFA MASCHINENFABRIK GMBH AU [DE]
• WO 2018095766 A2 20180531 - ANDRITZ ASSELIN THIBEAU [FR]
• WO 02101130 A1 20021219 - AUTEFA AUTOMATION GMBH [DE], et al

Designated contracting state (EPC)
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