

Title (en)
NONWOVEN FABRIC-LAYING DEVICE AND OPERATING METHOD

Title (de)
VLIESLEGER UND BETRIEBSVERFAHREN

Title (fr)
DISTRIBUTEUR DE VOILE ET PROCÉDÉ DE FONCTIONNEMENT

Publication
EP 3066240 B1 20200101 (DE)

Application
EP 14805198 A 20141106

Priority
• DE 202013105029 U 20131108
• EP 2014073951 W 20141106

Abstract (en)
[origin: WO2015067704A1] The invention relates to a nonwoven fabric-laying device, in particular a cross-laying device, and an operating method. The nonwoven fabric-laying device (1) is used for folding down and depositing a supplied fibrous sheet (3) to form a multi-layered nonwoven fabric (32) and, for conveying the sheet, has a plurality of linearly movably guided carriages (10 to 16) which are driven by a carriage drive and has a plurality of conveyor belts (7, 8) guided by means of the carriages (10 to 16). One or more carriages (10 to 16) are directly driven by an electric linear motor (19).

IPC 8 full level
D01G 25/00 (2006.01)

CPC (source: EP US)
D01G 25/00 (2013.01 - EP US)

Citation (examination)
• ANONYMOUS: "Linearantrieb - Wikipedia", 31 August 2013 (2013-08-31), XP055512428, Retrieved from the Internet <URL:<https://web.archive.org/web/20130831075042/https://de.wikipedia.org/wiki/Linearantrieb>> [retrieved on 20181004]
• ANONYMOUS: "Linearmotor - Wikipedia", 25 October 2013 (2013-10-25), XP055512431, Retrieved from the Internet <URL:<https://web.archive.org/web/20131025174215/https://de.wikipedia.org/wiki/Linearmotor>> [retrieved on 20181004]

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DOCDB simple family (publication)
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DE 202013105029 U 20131108; CN 201480059565 A 20141106; CN 201910220695 A 20141106; EP 14805198 A 20141106; EP 2014073951 W 20141106; US 201415035014 A 20141106