

Title (en)
FLAT'S CLOTHING WITH A DETECTING ARRANGEMENT

Title (de)
DECKELSTABGARNITUR MIT EINER DETEKTIONSVORRICHTUNG

Title (fr)
GARNITURE POUR CHAPEAU POUR UN DISPOSITIF DE DÉTECTION

Publication
EP 3577260 B1 20231018 (DE)

Application
EP 17821807 A 20171201

Priority
• DE 102017101863 A 20170131
• EP 2017081153 W 20171201

Abstract (en)
[origin: WO2018141436A1] A carding cloth (10) has a backing (12), carding needles (11) passing through this, held in position thereby and projecting on a first side of the backing (12) and an electrically conductive layer (13, 15) arranged on a second side on the backing (12) facing away from the first side such that it is in electrical contact with the needles (11) on the second side of the backing (12). Or the layer (15) is a component of the backing (12), and the needles (11) contact the layer (15) through said backing. The layer (15) can be a textile fabric (15) with electrically conductive threads which are coupled together electrically directly or indirectly via the carding cloth needles (11), which threads can extend longitudinally or transversely to the cloth (10), which has an electrically conductive contact element (20) such that it contacts the layer (13, 15) electrically in such a manner that the contact section is electrically coupled to all the threads. The contact element (20) has a connection section (16) designed to electrically contact an external element (50). A carding bar (10, 20, 30) comprises a cloth holder (30) having a holding section and an electrically conductive cloth connection section (20) forming the external element (50) and the cloth (10) held stationary in the cloth holder (30). A spinning preparation machine has a carding bar (10, 20, 30) of this type, a carding bar holder (70) to hold the carding bar (10, 20, 30) and a carding bar contact section (3) designed to be electrically coupled to the cloth connection section (20) when the carding bar (10, 20, 30) is mounted on the carding bar holder (70).

IPC 8 full level
D01G 15/86 (2006.01)

CPC (source: EP)
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Citation (opposition)
Opponent : Groz-Beckert KG
• WO 2013037074 A1 20130321 - GRAF & CO AG [CH], et al
• JP H0233376 A 19900202 - TADOKORO KIMOU KK
• DE 102009013412 A1 20100923 - TRUETZSCHLER GMBH & CO KG [DE]
• WO 2006119658 A1 20061116 - RIETER AG MASCHF [CH], et al
• US 2002112321 A1 20020822 - WURST GERHARD [DE]
• EP 2710177 B1 20150318 - RIETER AG MASCHF [CH]
• CH 480742 A 19691031 - PIEL DAVID [US]
• DE 10318931 A1 20041125 - MEMMINGER IRO GMBH [DE]
• DE 102004033509 A1 20050324 - TRUETZSCHLER GMBH & CO KG [DE]
• DE 19826542 C2 20010531 - GRAF & CO AG [CH]
• EP 0887445 A1 19981230 - RIETER AG MASCHF [CH]
• DE 10105855 A1 20020814 - TRUETZSCHLER GMBH & CO KG [DE]

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DE 102017101863 A1 20180802; BR 112019015676 A2 20200407; BR 112019015676 A8 20220705; BR 112019015676 B1 20230516; CN 110234803 A 20190913; CN 110234803 B 20220201; EP 3577260 A1 20191211; EP 3577260 B1 20231018; WO 2018141436 A1 20180809

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