

Title (en)
DRAFTING DEVICE IN SPINNING MACHINE

Title (de)
STRECKVORRICHTUNG IN EINER SPINNMASCHINE

Title (fr)
DISPOSITIF D'ÉTIRAGE DANS UN MÉTIER À FILER

Publication
EP 3045576 B1 20191002 (EN)

Application
EP 14842527 A 20140825

Priority
• JP 2013186272 A 20130909
• JP 2014072116 W 20140825

Abstract (en)
[origin: EP3045576A1] A draft device for a spinning machine that spins a yarn while changing the blending ratio of two different types of rovings has a middle bottom roller and a middle top roller, a back bottom roller and a back top roller, a middle apron pair, and a back apron pair. The middle apron pair is supplied with a first roving and has a middle bottom apron wrapped around the middle bottom roller and a middle top apron wrapped around the middle top roller. The middle top apron is driven by the middle bottom roller in a state pressed by the middle bottom apron. The back apron pair is supplied with a second roving and has a back bottom apron wrapped around the back bottom roller and a back top apron wrapped around the back top roller. The back apron pair is driven by the back bottom roller in a state pressed by the back bottom apron.

IPC 8 full level
D01H 5/26 (2006.01); **D01H 5/36** (2006.01); **D02G 3/34** (2006.01)

CPC (source: EP)
D01H 5/26 (2013.01); **D01H 5/36** (2013.01); **D02G 3/34** (2013.01)

Citation (examination)
CN 202492635 U 20121017 - JINGWEI TEXTILE MACH CO LTD

Cited by
EP3696302A1; CN113227475A; US11390968B2; WO2020165143A1; EP3650591A1; IT201800010209A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3045576 A1 20160720; EP 3045576 A4 20161005; EP 3045576 B1 20191002; BR 112016004432 A2 20170801;
BR 112016004432 B1 20211116; CN 105074066 A 20151118; CN 105074066 B 20161123; ES 2756148 T3 20200427; JP 6156503 B2 20170705;
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