

Title (en)
Draft device and spinning machine

Title (de)
Streckvorrichtung und Spinnmaschine

Title (fr)
Dispositif de traitement du support

Publication
EP 2573230 A3 20161130 (EN)

Application
EP 12174001 A 20120628

Priority
JP 2011206522 A 20110921

Abstract (en)
[origin: EP2573230A2] A draft device includes a first supporting section (41) adapted to rotatably support a front bottom roller (RF2), a second supporting section (51) adapted to rotatably support a middle bottom roller (RM2), and a third supporting section (61) adapted to support a tensor bar (TB2) adapted to regulate tension and position of an apron belt (E2) wound around the middle bottom roller (RM2). The third supporting section (61) is integrally formed with the second supporting section (51).

IPC 8 full level
D01H 5/86 (2006.01)

CPC (source: EP)
D01H 5/88 (2013.01)

Citation (search report)

- [XYI] EP 1801270 A1 20070627 - ROVIRA TRIAS JUAN [ES], et al
- [YA] JP 2010144297 A 20100701 - MURATA MACHINERY LTD
- [A] DE 19919410 A1 19991111 - TOYODA AUTOMATIC LOOM WORKS [JP]
- [A] DE 102007003158 A1 20080724 - SIPRA PATENT BETEILIGUNG [DE]
- [A] CN 101225560 A 20080723 - HEBEI TAIHANG MACHINERY INDUST [CN]
- [A] DE 102007054318 A1 20090507 - STAHLCKER GMBH WILHELM [DE]
- [A] EP 2034060 A1 20090311 - RIETER AG MASCHF [CH]
- [A] JP S6293382 U 19870615
- [A] JP S5087236 U 19750724
- [A] DE 102005008860 A1 20060831 - BARAUKE NORBERT [DE]

Cited by
EP3730682A1; CN111850751A; EP4389949A1; LU503225B1; EP4382647A1; LU503151B1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2573230 A2 20130327; EP 2573230 A3 20161130; EP 2573230 B1 20180418; CN 103014952 A 20130403; CN 103014952 B 20170627;
JP 2013067896 A 20130418

DOCDB simple family (application)
EP 12174001 A 20120628; CN 201210250633 A 20120719; JP 2011206522 A 20110921