

Title (en)
Draft device and spinning machine

Title (de)
Streckvorrichtung und Spinnmaschine

Title (fr)
Système d'emballage

Publication
EP 2573226 A3 20150805 (EN)

Application
EP 12174569 A 20120702

Priority
JP 2011205278 A 20110920

Abstract (en)
[origin: EP2573226A2] A draft device (7) includes four pairs of draft roller pairs, each of the draft roller pairs including a top roller and a bottom roller, the draft device being adapted to draft a fiber bundle (8) by the draft roller pairs by driving the bottom rollers. The draft device (7) includes a cleaning belt (37) and an intermittent feeding device (101). The cleaning belt (37) has a cleaning surface adapted to make contact with a back bottom roller (66) and a third bottom roller (67) to clean such bottom rollers. The intermittent feeding device (101) is adapted to intermittently feed the cleaning belt (37) by receiving power from a back bottom roller driving motor (91) adapted to drive one of the four bottom rollers (the back bottom roller (66)).

IPC 8 full level
D01H 5/64 (2006.01)

CPC (source: EP)
D01H 5/64 (2013.01)

Citation (search report)

- [XAI] US 6082088 A 20000704 - OHOKA MASANORI [JP], et al
- [XI] GB 425912 A 19350325 - ENGLISH COTTON SEWING COMPANY, et al
- [A] DE 3522504 A1 19870102 - EDER KURT
- [A] DE 3917990 A1 19901206 - STAHLLECKER FRITZ [DE], et al
- [A] EP 0735169 A2 19961002 - MURAO BOKI KK [JP]

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CN115156114A

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

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EP 2573226 A2 20130327; EP 2573226 A3 20150805; EP 2573226 B1 20170830; CN 103014948 A 20130403; CN 103014948 B 20160921; JP 2013067871 A 20130418

DOCDB simple family (application)
EP 12174569 A 20120702; CN 201210181170 A 20120604; JP 2011205278 A 20110920