

Title (en)

Draft roller, draft device, and spinning machine

Title (de)

Streckrolle, Streckvorrichtung und Spinnmaschine

Title (fr)

Rouleau de tirage, dispositif d'ébauche et fileuse

Publication

EP 2455518 A3 20150422 (EN)

Application

EP 11180923 A 20110912

Priority

JP 2010258249 A 20101118

Abstract (en)

[origin: EP2455518A2] A top front roller (20) includes a fiber-contacting portion (30) formed with a substantially uniform diameter and adapted to make a fiber bundle to contact with an outer peripheral surface thereof, and a reduced-diameter portion (31) having a diameter shorter than the fiber-contacting portion (30) at both ends of the fiber-contacting portion in an axial direction. A total width of the fiber-contacting portion (30) and the reduced-diameter portion (31) in the axial direction is 30 mm or longer and 34 mm or shorter, and a width of the fiber-contacting portion (30) in the axial direction is less than 18 mm.

IPC 8 full level

D01H 5/78 (2006.01)

CPC (source: EP)

D01H 5/78 (2013.01)

Citation (search report)

- [YA] EP 1520919 A2 20050406 - MURATA MACHINERY LTD [JP] & JP 2005113274 A 20050428 - MURATA MACHINERY LTD
- [YA] DE 4004045 A1 19910814 - STAHLER FRITZ [DE], et al
- [A] JP H0546974 U 19930622
- [AD] JP H07126926 A 19950516 - MURATA MACHINERY LTD
- [A] DE 4037834 A1 19920604 - STAHLER FRITZ [DE], et al

Cited by

EP2740821A1; US8931250B2

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 2455518 A2 20120523; EP 2455518 A3 20150422; EP 2455518 B1 20180905; CN 102465364 A 20120523; CN 102465364 B 20160629; CN 202658310 U 20130109; JP 2012107363 A 20120607

DOCDB simple family (application)

EP 11180923 A 20110912; CN 201110329117 A 20111024; CN 201120414027 U 20111024; JP 2010258249 A 20101118