

Title (en)
TENSOR, DRAFT DEVICE, AND SPINNING MACHINE

Title (de)
SPANNER, STRECKVORRICHTUNG UND SPINNMASCHINE

Title (fr)
TENSEUR, DISPOSITIF D'ÉTIRAGE ET MÉTIER À FILER

Publication
EP 3176294 A1 20170607 (EN)

Application
EP 16194717 A 20161020

Priority
JP 2015221340 A 20151111

Abstract (en)
A tensor (40) includes a main body section (50) extending in a rotation axis direction of a bottom roller (16a), and a supporting member (54b) arranged in the main body section (50) and adapted to support a bottom belt (18a) to set a first nip position (P2) of a fiber bundle (S) by a top belt (18b) arranged on a top roller (16b) and the bottom belt (18a). The supporting member (54b) is arranged at a position where the first nip position (P2) is within a range of 11 mm or more and 22 mm or less from a second nip position (P1) of the fiber bundle (S) by the bottom roller (16a) and the top roller (16b).

IPC 8 full level
D01H 5/88 (2006.01)

CPC (source: CN EP)
D01H 4/02 (2013.01 - CN); **D01H 4/30** (2013.01 - CN); **D01H 5/88** (2013.01 - EP)

Citation (applicant)
DE 102005000990 A1 20060720 - SAURER GMBH & CO KG [DE]

Citation (search report)
• [XY] WO 2015068005 A1 20150514 - RIETER AG MASCHF [CH]
• [Y] FR 1382701 A 19641218 - ZINSER TEXTILMASCHINEN GMBH
• [YD] DE 102005000990 A1 20060720 - SAURER GMBH & CO KG [DE]
• [A] US 2953822 A 19600927 - SCHILTKNECHT ADOLF DIPL ING [CH]
• [A] WO 8603793 A1 19860703 - PLATT SACO LOWELL CORP [US]

Cited by
CN113481633A

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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DOCDB simple family (application)
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