

Title (en)

Drafting unit for a staple fibre roving and press roller device for the same

Title (de)

Streckwerk für einen Stapelfaserverband und Druckwalzenaggregat dafür

Title (fr)

Banc d'étirage pour un ensemble de fibres discontinues et agrégat de rouleaux de pression correspondant

Publication

EP 2412852 B1 20160914 (DE)

Application

EP 11175134 A 20110725

Priority

DE 102010032341 A 20100727

Abstract (en)

[origin: EP2412852A2] The device has upper rollers (7, 13) including axles (15, 16) fastened at a holding body (17), and a sleeve rotatably mounted on one of the axles (16). The axles are held by the body. A rubbery-elastic cover is arranged on the sleeve and placed at a distance from the body. An outer circumference of the axles is enclosed by a dust cover on a total length between the rubbery-elastic cover and the body. The body includes a region with a concave cylindrical surface, which surrounds a part of an outer circumference of the dust cover under formation of a gap. An independent claim is also included for a stretching unit comprising lower rollers.

IPC 8 full level

D01H 5/22 (2006.01); **D01H 5/60** (2006.01); **D01H 5/80** (2006.01)

CPC (source: EP)

D01H 5/60 (2013.01); **D01H 5/80** (2013.01)

Citation (examination)

- DE 1164288 B 19640227 - SKF KUGELLAGERFABRIKEN GMBH
- GB 724483 A 19550223 - TEXTILE ENGINEERING CORP
- CN 2135581 Y 19930609 - LI YAOXING [CN]
- US 2948024 A 19600809 - SWANSON KENNETH P
- DE 970370 C 19580911 - SKF KUGELLAGERFABRIKEN GMBH

Cited by

CN110741112A; CN111270360A; WO2018234912A1

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

DOCDB simple family (publication)

EP 2412852 A2 20120201; **EP 2412852 A3 20150304**; **EP 2412852 B1 20160914**; BR PI1103174 A2 20121211; BR PI1103174 B1 20200121; CN 102345191 A 20120208; CN 102345191 B 20160224; DE 102010032341 A1 20120202

DOCDB simple family (application)

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