

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)

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DOCDB simple family (application)

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