

Title (en)

FACILITY AND METHOD FOR MANUFACTURING A BELT-SHAPED FIBROUS TEXTURE HAVING A CHANGING PROFILE IN CROSS-SECTION

Title (de)

ANLAGE UND VERFAHREN ZUR HERSTELLUNG EINER BANDFÖRMIGEN FASERSTRUKTUR MIT WECHSELNDEM PROFIL IM QUERSCHNITT

Title (fr)

INSTALLATION ET PROCEDE POUR LA FABRICATION D'UNE TEXTURE FIBREUSE EN FORME DE BANDE PRESENTANT EN SECTION TRANSVERSALE UN PROFIL EVOLUTIF

Publication

EP 3423620 B1 20191204 (FR)

Application

EP 17712211 A 20170302

Priority

- FR 1651741 A 20160302
- FR 2017050470 W 20170302

Abstract (en)

[origin: WO2017149252A1] The invention relates to a facility for manufacturing a belt-shaped fibrous texture (210) having a changing profile at least in cross-section, which facility includes a weaving loom (100), one or more take-up rollers (300, 400, 500) and a storage mandrel (600), each take-up roller and the storage mandrel having, on the axial width thereof, a variable radius so as to define an outer surface having a raised profile. One or more take-up rollers (400) include a plurality of sectors that are removably attached to the outer surface of said take-up roller. Each sector extends over a fraction of the circumference of the take-up roller and over all or part of the axial width of the take-up roller. Each sector also has at least one predetermined thickness so as to locally modify the thickness of the raised profile of the outer surface of the take-up roller.

IPC 8 full level

D03D 41/00 (2006.01); **D03D 49/20** (2006.01)

CPC (source: EP US)

D03D 41/004 (2013.01 - EP US); **D03D 49/20** (2013.01 - EP US)

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)

WO 2017149252 A1 20170908; CN 108779590 A 20181109; CN 108779590 B 20201013; EP 3423620 A1 20190109; EP 3423620 B1 20191204; FR 3048435 A1 20170908; FR 3048435 B1 20180406; US 10309043 B2 20190604; US 2019062962 A1 20190228

DOCDB simple family (application)

FR 2017050470 W 20170302; CN 201780018180 A 20170302; EP 17712211 A 20170302; FR 1651741 A 20160302; US 201716081339 A 20170302