

Title (en)
SPINNING, DRAWING AND TEXTURING MACHINE

Title (de)
SPINN-TRECK-TEXTURIERMASCHINE

Title (fr)
MACHINE À FILER, ÉTIRER ET TEXTURER

Publication
EP 2016212 B1 20101201 (DE)

Application
EP 07724851 A 20070504

Priority
• EP 2007003926 W 20070504
• DE 102006021292 A 20060508

Abstract (en)
[origin: WO2007128499A1] The invention relates to a spinning, drawing and texturing machine for producing curled threads, said machine comprising a spinning unit and several machine modules that are allocated to the spinning unit. Each of said machine modules has several processing assemblies for drawing and curling one of the threads and a spooling unit for winding the thread. The machine modules are arranged next to one another to form a longitudinal side of the machine, the processing assemblies and spooling units being held in relation to one another on the machine modules in such a way that a narrow machine partition of approximately <800 mm occurs on the longitudinal side of the machine. The spinning unit has one or more spinnerets and a spinning duct within the machine partition, said spinnerets being held in rows parallel to the longitudinal side of the machine. Respective spinning positions that combine to produce a thread are thus obtained for each machine module.

IPC 8 full level
D01D 13/00 (2006.01); **D01D 7/00** (2006.01); **D01D 13/02** (2006.01); **D02G 1/02** (2006.01)

CPC (source: EP US)
B65H 54/70 (2013.01 - EP US); **B65H 57/003** (2013.01 - EP US); **B65H 67/0405** (2013.01 - EP US); **B65H 67/048** (2013.01 - EP US); **B65H 67/064** (2013.01 - EP US); **D01D 5/16** (2013.01 - EP US); **D01D 7/00** (2013.01 - EP US); **D01D 13/02** (2013.01 - EP US); **D02G 1/0266** (2013.01 - EP US); **B65H 2551/13** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by
WO2019011548A1; WO2019007645A1; WO2019072764A1

Designated contracting state (EPC)
AT BE CH DE IT LI TR

DOCDB simple family (publication)
WO 2007128499 A1 20071115; AT E490355 T1 20101215; CN 101437990 A 20090520; CN 101437990 B 20110202; CN 101437991 A 20090520; CN 101437991 B 20101229; DE 502007005850 D1 20110113; EP 2016212 A1 20090121; EP 2016212 B1 20101201; RU 2008148168 A 20101220; RU 2434978 C2 20111127; US 2009049669 A1 20090226; US 7845923 B2 20101207

DOCDB simple family (application)
EP 2007003926 W 20070504; AT 07724851 T 20070504; CN 200780016508 A 20070504; CN 200780016705 A 20070504; DE 502007005850 T 20070504; EP 07724851 A 20070504; RU 2008148168 A 20070504; US 26249908 A 20081031