

Title (en)

Movement apparatus for the drafting cylinders of a spinning machine

Title (de)

Bewegungsvorrichtung für die Streckzylinder einer Spinnmaschine

Title (fr)

Appareil de déplacement pour les cylindres d'étirage d'un métier à filer

Publication

EP 2599904 A1 20130605 (EN)

Application

EP 12192463 A 20121113

Priority

IT BS20110166 A 20111130

Abstract (en)

A spinning machine is provided with a transmission device for the movement of the drafting cylinders fitted with a planet gear reducer (50a) for the movement of the second and third cylinders (20,30) and the transmission of the movement between the shafts (70,84,94) downstream of the reducer (50a) is performed by mean of belts.

IPC 8 full level

D01H 1/22 (2006.01)

CPC (source: EP)

D01H 1/22 (2013.01)

Citation (applicant)

IT BS20110019 A1 20120825 - MARZOLI SPA

Citation (search report)

- [Y] DE 102008001519 A1 20091105 - RIETER INGOLSTADT GMBH [DE]
- [Y] WO 03018885 A2 20030306 - RIETER AG MASCHF [CH]
- [A] GB 960382 A 19640610 - DIXIE MACHINE AND TOOL COMPANY
- [A] EP 1609893 A2 20051228 - TOYOTA JIDOSHOKKI KK [JP]

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

DOCDB simple family (publication)

EP 2599904 A1 20130605; EP 2599904 B1 20141217; BR 102012030474 A2 20131029; BR 102012030474 B1 20210713;
CN 103132183 A 20130605; CN 103132183 B 20170609; IT BS20110166 A1 20130531; JP 2013112925 A 20130610; JP 6273421 B2 20180207

DOCDB simple family (application)

EP 12192463 A 20121113; BR 102012030474 A 20121129; CN 201210495243 A 20121128; IT BS20110166 A 20111130;
JP 2012259918 A 20121128