

Title (en)

A SYSTEM TO MODIFY RING SPINNING MACHINES TO MANUFACTURE COMPACT YARN

Title (de)

SYSTEM ZUM UMSTELLEN VON RINGSPINNMASCHINEN AUF DIE HERSTELLUNG VON KOMPAKTEM GARN

Title (fr)

SYSTÈME PERMETTANT DE MODIFIER LES MÉTIERS À FILER CONTINUS À ANNEAUX ACTUELS AFIN DE FABRIQUER DU FIL COMPACT

Publication

**EP 2252730 A2 20101124 (EN)**

Application

**EP 09708311 A 20090203**

Priority

- TR 2009000016 W 20090203
- TR 200800721 A 20080205
- TR 200809672 A 20081219

Abstract (en)

[origin: WO2009099400A2] The subject of this invention is to lessen or eliminate the problems encountered in the current compact yarn systems and to provide an easy modification system for current ring spinning machines to manufacture compact yarn. With the proposed solution, it will be possible to modify the ring spinning machines without a substantial structural amendment and in a reversible way to manufacture compact yarns.

IPC 8 full level

**D01H 5/56** (2006.01); **D01H 5/72** (2006.01)

CPC (source: EP)

**D01H 5/56** (2013.01); **D01H 5/565** (2013.01); **D01H 5/72** (2013.01)

Citation (search report)

See references of WO 2009099400A2

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**WO 2009099400 A2 20090813**; **WO 2009099400 A3 20091008**; BR PI0905846 A2 20150630; CN 101939471 A 20110105; CN 101939471 B 20131030; EA 201001261 A1 20110228; EP 2252730 A2 20101124; MY 154726 A 20150715; TR 201002575 T1 20100721

DOCDB simple family (application)

**TR 2009000016 W 20090203**; BR PI0905846 A 20090203; CN 200980104313 A 20090203; EA 201001261 A 20090203; EP 09708311 A 20090203; MY PI20103672 A 20090203; TR 201002575 T 20090203