

Title (en)
Air spinning machine

Title (de)
Luftspinnvorrichtung

Title (fr)
Dispositif de filage pneumatique

Publication
EP 2740821 B1 20160831 (DE)

Application
EP 13005379 A 20131115

Priority
DE 102012023985 A 20121207

Abstract (en)
[origin: EP2740821A1] The air spinning device has a fiber belt (4) which is stretched by a stretching unit (5) and is supplied to an air spinning equipment (6) for generating a yarn twist, where the fiber belt is withdrawn from the air spinning equipment and is wound onto a cross-wound bobbin. A false twisting unit (41) is arranged in a pre-drafting zone of the stretching unit. The false twisting unit is granted with alternating direction of rotation of the fiber belt, before it is moved in the main drafting zone on yarn count and is supplied to the air spinning equipment.

IPC 8 full level
D01H 1/115 (2006.01); **D01H 5/28** (2006.01)

CPC (source: EP)
D01H 1/115 (2013.01); **D01H 5/28** (2013.01)

Cited by
US11486061B2; WO2019063461A1

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)
EP 2740821 A1 20140611; EP 2740821 B1 20160831; CN 103866439 A 20140618; CN 109972246 A 20190705;
DE 102012023985 A1 20140612; JP 2014114535 A 20140626; JP 6207369 B2 20171004

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EP 13005379 A 20131115; CN 201310757014 A 20131205; CN 201811608396 A 20131205; DE 102012023985 A 20121207;
JP 2013253911 A 20131209