

Title (en)
STRAIGHTENING ROLLER UNIT

Title (de)
RICHTROLLENEINHEIT

Title (fr)
MODULE DE ROULEAUX À DRESSER

Publication
EP 2879815 A1 20150610 (DE)

Application
EP 13707799 A 20130211

Priority
• AT 8652012 A 20120803
• AT 2013000023 W 20130211

Abstract (en)
[origin: WO2014019000A1] Straightening roller unit for steel material to be straightened (1) in wire, rod or strip form, in particular wires, rods, sections or strips, comprising straightening rollers (6) which co-operate in pairs and can be moved against the material to be straightened and moved away from said material, wherein the straightening rollers are driven and the advancing force required for the straightening operation is introduced into the material to be straightened by friction of the straightening rollers.

IPC 8 full level
B21D 3/05 (2006.01); **B21F 1/02** (2006.01)

CPC (source: EP US)
B21D 3/05 (2013.01 - EP US); **B21F 1/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2014019000A1

Cited by
CN110893424A; CN112872081A

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)
WO 2014019000 A1 20140206; AT 512898 A4 20131215; AT 512898 B1 20131215; EP 2879815 A1 20150610; EP 2879815 B1 20170531; ES 2633603 T3 20170922; TW 201406482 A 20140216; US 2015209850 A1 20150730; ZA 201500678 B 20160127

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AT 2013000023 W 20130211; AT 8652012 A 20120803; EP 13707799 A 20130211; ES 13707799 T 20130211; TW 102117150 A 20130515; US 201314419421 A 20130211; ZA 201500678 A 20150129