

Title (en)
COILER FURNACE

Title (de)
HASPELOFEN

Title (fr)
FOUR BOBINEUR

Publication
EP 2073944 B1 20110720 (DE)

Application
EP 07802175 A 20070906

Priority
• EP 2007007774 W 20070906
• AT 16392006 A 20061002

Abstract (en)
[origin: WO2008040431A1] The invention relates to a coiler furnace comprising a heat-insulated enclosure (4) delimiting a furnace interior (7), a strip coiling device (10) comprising a coiler drum (12) having a slotted receiving opening (14) for the hot-rolled strip in the furnace interior and a controlled rotational drive (11) for a coiler shaft (9) outside the furnace interior, an inlet and outlet opening (8) for a hot-rolled strip and a strip guiding device (18) between a roller table (15) and the coiler drum (12). In order to avoid any winding errors, a feeding shield (19) extends through the enclosure (4) of the coiler furnace and is coupled to a displacement drive (35) arranged outside the furnace interior (7) and can be displaced between an insertion position (A) and a withdrawal position (B). The feeding shield (19), in the insertion position (A), interacts with the strip guiding device (18) to form a feed funnel (25), mounted upstream the slotted receiving opening (14) on the coiler drum (12) for the hot-rolled strip together.

IPC 8 full level
B21C 47/04 (2006.01); **C21D 9/68** (2006.01)

CPC (source: EP KR US)
B21C 47/04 (2013.01 - KR); **B21C 47/26** (2013.01 - EP US); **B21C 47/323** (2013.01 - EP US); **B21C 47/34** (2013.01 - EP US);
B21C 47/3441 (2013.01 - EP US); **C21D 9/54** (2013.01 - KR); **C21D 9/68** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008040431 A1 20080410; AT 504219 A1 20080415; AT 504219 B1 20080615; AT E516901 T1 20110815; BR PI0719265 A2 20140204;
CN 101522330 A 20090902; CN 101522330 B 20110706; EP 2073944 A1 20090701; EP 2073944 B1 20110720; KR 20090086400 A 20090812;
RU 2009116651 A 20101110; RU 2442671 C2 20120220; SI 2073944 T1 20111130; UA 95306 C2 20110725; US 2009320544 A1 20091231;
US 8256256 B2 20120904

DOCDB simple family (application)
EP 2007007774 W 20070906; AT 07802175 T 20070906; AT 16392006 A 20061002; BR PI0719265 A 20070906; CN 200780036886 A 20070906;
EP 07802175 A 20070906; KR 20097009275 A 20070906; RU 2009116651 A 20070906; SI 200730752 T 20070906;
UA A200903087 A 20070906; US 44373807 A 20070906