

Title (en)
Rolling mill roller guide

Title (de)
Rollenführung für Walzwerk

Title (fr)
Galet de guidage pour laminoir

Publication
EP 1736254 A1 20061227 (EN)

Application
EP 06115318 A 20060612

Priority
US 15708505 A 20050620

Abstract (en)
A guide (10) for directing a hot rolled product (22) along a path (P) in a rolling mill comprising at least one annular roller (18) arranged to contact the product (22). The roller (18) is rotatably supported on a shaft (20) by bearings defining an axial gap therebetween. Fluid is delivered under pressure into the gap and internal vanes respond to the thus delivered fluid by rotatably driving the rollers (18).

IPC 8 full level
B21B 39/16 (2006.01)

CPC (source: EP KR US)
B21B 1/16 (2013.01 - KR); **B21B 39/12** (2013.01 - KR); **B21B 39/14** (2013.01 - KR); **B21B 39/16** (2013.01 - KR);
B21B 39/165 (2013.01 - EP KR US); **B21B 2027/083** (2013.01 - KR); **B21B 2203/18** (2013.01 - KR)

Citation (search report)
• [X] DE 2701381 A1 19780720 - LOTZ WERNER
• [X] DE 2327469 A1 19731220 - MORGAARDSHAMMAR AB
• [X] EP 1240956 A1 20020918 - FABRIS MARIO [CA]
• [A] DE 1284695 B 19681205 - UDDEHOLMS AB

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DE102010008548A1; DE102008053360A1; DE102008053361A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1736254 A1 20061227; BR PI0602337 A 20070221; CA 2547178 A1 20061220; CN 1883838 A 20061227; JP 2007000932 A 20070111;
KR 20060133471 A 20061226; TW 200706275 A 20070216; US 2006283227 A1 20061221

DOCDB simple family (application)
EP 06115318 A 20060612; BR PI0602337 A 20060620; CA 2547178 A 20060516; CN 200610095627 A 20060619; JP 2006168581 A 20060619;
KR 20060054759 A 20060619; TW 95118490 A 20060524; US 15708505 A 20050620