

Title (en)
Insertion device for rolling machines

Title (de)
Einsatzvorrichtung für Walzmaschinen

Title (fr)
Dispositif d'insertion pour laminoirs

Publication
EP 2374557 A1 20111012 (EN)

Application
EP 11003060 A 20110412

Priority
IT GE20100033 A 20100412

Abstract (en)
An insertion device (1) for rolling machines, including a fixed plate (2) and a reciprocating movable plate (3), a feed guide (5) for a plurality of blanks (4) to be inserted in an insertion point between the fixed plate (2) and the movable plate (3), an insertion pusher (6) which is adapted to convey a blank (4) into contact with the movable plate (3); the insertion device (1) has a stop blade (7) that moves linearly between at least two positions: a position in which the blade (7) protrudes beyond a vertical edge of the fixed plate (2) and retains the blank (4), preventing it from entering between the plates, and a retracted position, in which the blade (7) leaves free the rolling region between the plates.

IPC 8 full level
B21H 3/06 (2006.01); **B21H 9/02** (2006.01)

CPC (source: EP)
B21H 3/06 (2013.01); **B21H 9/02** (2013.01)

Citation (applicant)
DE 1935451 A1 19710114 - MENN KG E W

Citation (search report)
• [XY] DE 1935451 A1 19710114 - MENN KG E W
• [Y] DE 102008045302 A1 20090520 - E W MENN GMBH & CO KG [DE]
• [Y] WO 03099489 A1 20031204 - SMART SRL [IT], et al
• [A] US 4754631 A 19880705 - JACKSON WARREN M [US]
• [A] US 5555757 A 19960917 - SMITH GREGORY A [US], et al
• [A] DE 4014671 C1 19910829
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CN108237194A; CN106180498A; CN107138661A

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)
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EP 11003060 A 20110412; ES 11003060 T 20110412; IT GE20100033 A 20100412