

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  
• [A] US 3528270 A 19700915 - BYAM ERWIN B

Cited by  
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)  
**EP 2374557 A1 20111012; EP 2374557 B1 20131030; ES 2444503 T3 20140225; IT 1399346 B1 20130416; IT GE20100033 A1 20111013**

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