

Title (en)

Device and milling machine for forge rolling a workpiece

Title (de)

Verfahren und Walzmaschine zum Reckwalzen eines Werkstücks

Title (fr)

Procédé et presse destinés au laminage de forgeage d'une pièce usinée

Publication

EP 2316589 B1 20120919 (DE)

Application

EP 10013879 A 20101022

Priority

DE 102009051152 A 20091029

Abstract (en)

[origin: EP2316589A1] The method involves moving a gripping element (6) in a rolling direction (W) by a robot (5). A gripped workpiece (1) with a front end is introduced in to roller engagement between rollers (2) of roller pairs. Another robot (8) is arranged with a gripping element (9) for gripping axial front end of the workpiece is arranged in an outlet region (7) of a forging roll machine after release of the latter robot by the former robot. The gripping element is movable in to the rolling direction by the robot. The workpiece with a rear end is introduced into the roller engagement between the rollers. An independent claim is also included for a rolling machine for preforming a block-shaped, round, oval or square-shaped metallic workpiece.

IPC 8 full level

B21H 1/22 (2006.01)

CPC (source: EP)

B21H 1/22 (2013.01)

Cited by

DE102017116570A1; DE102017116570B4; CZ308188B6; CN113000763A; CN114585459A; WO2016207016A1; WO2021048246A1; DE102016112946B4; WO2018171828A1; US11498116B2

Designated contracting state (EPC)

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