

Title (en)

Feed device for metal bars, and relative method

Title (de)

Zuführvorrichtung für Metallstäbe und entsprechendes Verfahren

Title (fr)

Dispositif d'alimentation pour barres métalliques et procédé correspondant

Publication

EP 1864726 A1 20071212 (EN)

Application

EP 07109758 A 20070606

Priority

IT UD20060148 A 20060608

Abstract (en)

Device (10) and method to feed metal bars (12) wound in a roll (13) to an operating machine (11). The device (10) comprises a loading assembly (16) in which one or more rolls (13) of metal wire are provided, and a drawing and straightening assembly (15) mounted on the operating machine (11) in order to draw and straighten the metal wire and feed it to specific operating members of the operating machine (11). The operating members comprise a shearing assembly to prepare the metal bars (12) to a desired size. The device (10) also comprises selective feed elements (17, 19) disposed upstream of the drawing and straightening assembly (15), in order to automatically connect one or another of the rolls (13) to the drawing and straightening assembly (15) according to determinate operating requirements of the operating machine (11), so as to simultaneously feed a first of the metal bars (12) from a first roll (13), and prepare, in a stand-by condition, a second of the metal bars (12) from a second roll (13).

IPC 8 full level

B21F 23/00 (2006.01)

CPC (source: EP)

B21F 23/002 (2013.01)

Citation (search report)

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Citation (examination)

AT 383756 B 19870825 - EVG ENTWICKLUNG VERWERT GES [AT], et al

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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

Designated extension state (EPC)

HR RS

DOCDB simple family (publication)

EP 1864726 A1 20071212; IT UD20060148 A1 20071209

DOCDB simple family (application)

EP 07109758 A 20070606; IT UD20060148 A 20060608