

Title (en)

Feed device for metal bars and relative method

Title (de)

Zuführvorrichtung für Metallstäbe und dazugehöriges Verfahren

Title (fr)

Dispositif d'alimentation pour des barres métalliques et méthode correspondante

Publication

EP 1738843 B1 20080618 (EN)

Application

EP 06115933 A 20060623

Priority

IT UD20050106 A 20050627

Abstract (en)

[origin: EP1738843A1] Device (10) for feeding metal bars (11) to a work machine (13). The device (10) comprises a store (15) in which the metal bars (11) are grouped together in bundles, and pick-up members (16) which extract one or more bars (11) at a time from one of the bundles in order to feed them into the work machine (13). The device (10) also comprises a translation unit (40) which includes a supporting plane (17) for the bars (11), disposed in an intermediate position between the store (15) and the work machine (13), and transport elements (30) able to be selectively activated in order to transfer the metal bars (11) laterally, after they have been completely extracted from the bundle, towards the work machine (13).

IPC 8 full level

B21D 43/00 (2006.01)

CPC (source: EP)

B21D 43/006 (2013.01); **B21F 23/005** (2013.01); **B21F 23/007** (2013.01)

Cited by

ITUD20080212A1; ITUD20110031A1; EP2172287A1; ITTO20080729A1; US11633776B2; WO2010040820A1; WO2012120361A1; WO2019123507A1

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)

HR RS

DOCDB simple family (publication)

EP 1738843 A1 20070103; **EP 1738843 B1 20080618**; AT E398498 T1 20080715; DE 602006001487 D1 20080731; DK 1738843 T3 20081020; ES 2312088 T3 20090216; HR P20080460 T3 20081031; IT UD20050106 A1 20061228; PL 1738843 T3 20081128; RS 50610 B 20100630

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EP 06115933 A 20060623; AT 06115933 T 20060623; DE 602006001487 T 20060623; DK 06115933 T 20060623; ES 06115933 T 20060623; HR P20080460 T 20080918; IT UD20050106 A 20050627; PL 06115933 T 20060623; RS P20080418 A 20060623