

Title (en)

Continuous casting machine with one thundish car for symmetrically arranged, unilaterally attachable tundishes

Title (de)

Stranggiessanlage mit einem Verteilerrinnen-Wagen für symmetrisch angeordnet jeweils einseitig einhängbare Verteilerrinnen

Title (fr)

Installation de coulée continue avec un chariot pour des paniers de coulée pour attacher symétriquement des paniers latéralement

Publication

**EP 1457282 B1 20051012 (DE)**

Application

**EP 04003454 A 20040217**

Priority

DE 10311280 A 20030314

Abstract (en)

[origin: EP1457282A1] A casting unit for casting bars from molten metal, especially molten steel, has an attached chain of rolls, a casting ladle (8) with wagons (3) with distributors (7) moving on slides on a casting platform, a casting tube (9), a lifting device (11) for setting the casting tube (9) to the casting height in the permanent bar casting mold, where only one casting distributor is used, having a manipulator (12) with a protective frame (14).

IPC 1-7

**B22D 11/103**; **B22D 41/12**; **C21B 3/10**

IPC 8 full level

**B22D 11/103** (2006.01); **B22D 41/12** (2006.01); **C21B 3/10** (2006.01)

CPC (source: EP)

**B22D 11/103** (2013.01); **B22D 41/12** (2013.01); **C21B 3/10** (2013.01)

Cited by

CN103447517A; CN107735195A; CN110369701A; AT513067A1; CN104379276A; AT513067B1; US7794648B2; WO2007087864A1; WO2014001145A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1457282 A1 20040915**; **EP 1457282 B1 20051012**; AT E306341 T1 20051015; DE 10311280 A1 20040923; DE 502004000094 D1 20060223

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**EP 04003454 A 20040217**; AT 04003454 T 20040217; DE 10311280 A 20030314; DE 502004000094 T 20040217