

Title (en)
CONTINUOUS-CASTING PLANT

Publication
EP 0077768 B1 19850206 (DE)

Application
EP 82890147 A 19821012

Priority
AT 445381 A 19811016

Abstract (en)
[origin: US4532977A] An improved take-off device for a horizontal continuous-casting installation is provided. The arrangement comprises a frame and a mounting seated on rollers in the frame. The mounting is rotatable relative to the frame and supports the drive roll and its drive shaft, and a counter-pressure roll, which rolls preferably have counter-profiles corresponding to the cross section of the casting. The mounting comprises two concentrically arranged tubes which are sealed at their ends, thereby defining a cooling area therein. The adverse effects of gravity on casting quality may be mitigated by rotating the mounting relative to the frame, and locking it as a desired relative position, depending upon the cross-sectional configuration of the casting.

IPC 1-7
B22D 11/128; **B22D 11/14**; **B22D 11/16**

IPC 8 full level
B22D 11/04 (2006.01); **B22D 11/128** (2006.01)

CPC (source: EP US)
B22D 11/1284 (2013.01 - EP US)

Cited by
US6231720B1

Designated contracting state (EPC)
BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0077768 A1 19830427; **EP 0077768 B1 19850206**; AT 372890 B 19831125; AT A445381 A 19830415; CA 1199774 A 19860128; DE 3262229 D1 19850321; JP S5870949 A 19830427; US 4532977 A 19850806

DOCDB simple family (application)
EP 82890147 A 19821012; AT 445381 A 19811016; CA 413483 A 19821015; DE 3262229 T 19821012; JP 17858282 A 19821013; US 43462082 A 19821015