

Title (en)
Continuous-casting plant.

Title (de)
Stranggiessanlage.

Title (fr)
Installation de coulée continue.

Publication
EP 0077768 A1 19830427 (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.

Abstract (de)
Bei einer Horizontal-Stranggießanlage ist eine auf einem Gestell (1) abgestützte Abziehvorrichtung vorgesehen, die eine von einem Motor antreibbare Antriebsrolle (16) und eine mittels einer Anpreßvorrichtung (19) gegen diese drückbare Gegendruckrolle (21) aufweist, wobei die Achsen der Rollen vorzugsweise parallel verlaufen und die Antriebsrolle (16) und die Anpreßvorrichtung (19) samt der Gegendruckrolle (21) in einer gegenüber dem Gestell (1) um die Längsachse des Stranges (23) verdrehbaren und feststellbaren Halterung (5) gehalten sind.

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)

Citation (search report)
• DE 2649015 B1 19780209 - TECHNICA GUSS GMBH
• DE 1558210 B2 19730315

Cited by
US6231720B1

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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

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EP 82890147 A 19821012; AT 445381 A 19811016; CA 413483 A 19821015; DE 3262229 T 19821012; JP 17858282 A 19821013; US 43462082 A 19821015