

Title (en)

Method and continuous casting facility for producing thin slabs

Title (de)

Verfahren und Vorrichtung zur Erzeugung von dünnen Brammen auf einer Stranggiessanlage

Title (fr)

Procédé et installation de coulée continue de production de brames mincesince

Publication

**EP 0920938 B1 20030226 (DE)**

Application

**EP 97121430 A 19971205**

Priority

EP 97121430 A 19971205

Abstract (en)

[origin: EP0920938A1] The first section (0) is designed for thickness reductions of 10-40 mm. The segment (1) has at least 3 bending points producing a radius of curvature of 3-6 m. The straightening roll section has at least 3 reversed bending points, with the last of these points (at a casting speed forming 80 % of the maximum) located at least 2 m away from the point of complete solidification of the slab. Slab thickness reduction takes place by a vertical section (0) of casting rolls located directly below the mold (K). The slab is bent by a section (1) over a several bending points. Before complete solidification, the slab is straightened over several reversed bending points. The segment (0) is designed for thickness reductions of 10-40 mm. The segment (1) has at least 3 bending points producing a radius of curvature of 3-6 m. The straightening roll segment has at least 3 reversed bending points, with the last of these points (at a casting speed forming 80 % of the maximum) located at least 2 m away from the point of complete solidification of the slab.

IPC 1-7

**B22D 11/14**

IPC 8 full level

**B22D 11/12** (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP)

**B22D 11/1206** (2013.01); **B22D 11/142** (2013.01)

Cited by

CN109093084A; CN105945248A; CN116020987A

Designated contracting state (EPC)

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**EP 0920938 A1 19990609**; **EP 0920938 B1 20030226**; AT E233143 T1 20030315; DE 59709405 D1 20030403; ES 2193319 T3 20031101

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