

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)

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Cited by

CN109093084A; CN105945248A; CN116020987A

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