Title (en)

CONTINUOUS CASTING APPARATUS AND METHOD

Title (de)

STRANGGIESSVORRICHTUNG UND -VERFAHREN

Title (fr)

APPAREIL ET PROCÉDÉ DE COULÉE CONTINUE

Publication

EP 3560629 A4 20191030 (EN)

Application

EP 17884536 A 20171221

Priority

- KR 20160176895 A 20161222
- KR 2017015266 W 20171221

Abstract (en)

[origin: EP3560629A1] According to one technical aspect of the present invention, a continuous casting method is performed in a continuous casting apparatus having a plurality of segments continuously provided, so as to continuously cast a slab drawn from a mold, and can comprise the steps of: rough milling the slab by setting a roll gap difference between an input side cylinder and an output side cylinder of an N-th segment as a first roll gap difference when the slab is drawn from the mold; and variably reducing the thickness of the slab by setting the roll gap difference between the input side cylinder and the output side cylinder of the N-th segment as a second roll gap difference smaller than the first roll gap difference, when the slab is not drawn from the mold. The second roll gap difference can change according to a distance between the end of the slab and the N-th segment.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [XI] JP 2000005853 A 20000111 - SUMITOMO METAL IND, et al
- [A] JP 2016179485 A 20161013 - KOBE STEEL LTD
- [A] JP H0433757 A 19920205 - NIPPON STEEL CORP
- See references of WO 2018117698A1

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Designated contracting state (EPC)

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Designated extension state (EPC)

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EP 17884536 A 20171221; CN 201780079301 A 20171221; JP 2019533563 A 20171221; KR 20160176895 A 20161222; KR 2017015266 W 20171221