

Title (en)

UP-DRAWING CONTINUOUS CASTING APPARATUS AND UP-DRAWING CONTINUOUS CASTING METHOD

Title (de)

AUFWÄRTSZIEHENDE STRANGGIESSVORRICHTUNG UND AUFWÄRTSZIEHENDES STRANGGIESSVERFAHREN

Title (fr)

APPAREIL DE COULÉE CONTINUE À ÉTIRAGE PAR LE HAUT ET PROCÉDÉ DE COULÉE CONTINUE À ÉTIRAGE VERS LE HAUT

Publication

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Application

EP 13881719 A 20130410

Priority

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Abstract (en)

[origin: EP2985095A1] A pulling-up-type continuous casting apparatus according to an aspect of the present invention includes a holding furnace that holds molten metal, a shape defining member disposed near a molten-metal surface of the molten metal held in the holding furnace, the shape defining member being configured to define a cross-sectional shape of a cast-metal article to be cast as the molten metal passes through the shape defining member, a first nozzle that blows a cooling gas on the cast-metal article, the cast-metal article being formed as the molten metal that has passed through the shape defining member solidifies, and a second nozzle that blows a gas toward the cast-metal article in an obliquely upward direction from below a place on the cast-metal article on which the cooling gas is blown from the first nozzle.

IPC 8 full level

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Citation (search report)

- [X] DE 1286510 B 19690109 - SIEMENS AG
- [AD] JP 2012061518 A 20120329 - TOYOTA CENTRAL RES & DEV, et al
- See references of WO 2014167598A1

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