

Title (en)

Device for the continuous casting of a strip from a molten metal

Title (de)

Vorrichtung zum kontinuierlichen Vergiessen von Metallschmelze zu gegossenem Band

Title (fr)

Dispositif de coulée continue d'une bande à partir d'un métal liquide

Publication

EP 1340565 B1 20081119 (DE)

Application

EP 03001818 A 20030129

Priority

DE 10208340 A 20020227

Abstract (en)

[origin: EP1340565A2] Device for casting molten metal, especially molten steel, into cast strips comprises: casting rollers (2, 3) rotating in the opposing direction in the casting operation; a conveying path (6) for removing the cast strip leaving the casting gap (4) between the rollers; and a casting roller screen (9) into which the strip leaving the casting gap enters an inlet opening (15). The screen surrounds a cooling zone (K) in which a temperature prevails during the casting operation which is lower than the temperature of the gases heated by the cast strip. An Independent claim is also included for a process for casting molten metal, especially molten steel, into cast strips. Preferred Features: The screen is arranged in the conveying direction of the cast strip below the casting rollers. One of the walls of the screen is cooled using a fluid.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN110170626A; CN111495971A; CN118455469A

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DOCDB simple family (publication)

EP 1340565 A2 20030903; **EP 1340565 A3 20050216**; **EP 1340565 B1 20081119**; AT E414578 T1 20081215; DE 10208340 A1 20030911; DE 10208340 B4 20040205; DE 50310794 D1 20090102; PL 205707 B1 20100531; PL 358931 A1 20030908

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EP 03001818 A 20030129; AT 03001818 T 20030129; DE 10208340 A 20020227; DE 50310794 T 20030129; PL 35893103 A 20030227