

Title (en)
INSTALLATION FOR CONTINUOUS CASTING THIN METALLIC PRODUCTS BETWEEN ROLLS

Publication
EP 0418182 B1 19931013 (FR)

Application
EP 90470047 A 19900820

Priority
FR 8911737 A 19890906

Abstract (en)
[origin: JPH0399758A] PURPOSE: To obtain a header having sufficient heat characteristic by making the vertical walls of the header in contact with rolls from refractory having high heat-insulating property and the front surface walls of the header in contact with the surfaces at small sides from refractory having high mechanical strength. CONSTITUTION: On the rolls 1, 1' in a continuous casting machine for thin metallic product, the header 2 composed of four walls is disposed. The header 2 is brought into contact with the rolls 1, 1' through the vertical walls 3, 3' composed of the heat-insulating refractory and brought into contact with the surfaces at the small sides closing a casting space through the front surface walls 4, 4' composed of the high durability refractory. In this way, the header having sufficient heat characteristic is obtd.

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B22D 11/06

IPC 8 full level
B22D 11/06 (2006.01)

CPC (source: EP KR US)
B22D 11/06 (2013.01 - KR); **B22D 11/064** (2013.01 - EP US)

Cited by
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EP 0418182 A1 19910320; EP 0418182 B1 19931013; AT E95734 T1 19931015; AU 6128290 A 19910314; AU 633347 B2 19930128; BR 9004425 A 19910910; CA 2024676 A1 19910307; CN 1022295 C 19931006; CN 1049990 A 19910320; CS 424690 A2 19911112; DD 297580 A5 19920116; DE 69003917 D1 19931118; DE 69003917 T2 19940407; DK 0418182 T3 19940221; ES 2045873 T3 19940116; FI 904339 A0 19900903; FI 90743 B 19931215; FI 90743 C 19940325; FR 2651455 A1 19910308; FR 2651455 B1 19920522; HU 208268 B 19930928; HU 905043 D0 19910128; HU T57101 A 19911128; IE 903215 A1 19910313; JP H0399758 A 19910424; KR 910005949 A 19910427; NO 903849 D0 19900904; NO 903849 L 19910307; PL 286771 A1 19910311; PT 95221 A 19920529; RU 1836180 C 19930823; US 5092391 A 19920303; ZA 907060 B 19920429

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EP 90470047 A 19900820; AT 90470047 T 19900820; AU 6128290 A 19900823; BR 9004425 A 19900905; CA 2024676 A 19900905; CN 90107454 A 19900905; CS 424690 A 19900831; DD 34381890 A 19900905; DE 69003917 T 19900820; DK 90470047 T 19900820; ES 90470047 T 19900820; FI 904339 A 19900903; FR 8911737 A 19890906; HU 504390 A 19900816; IE 321590 A 19900904; JP 23546790 A 19900905; KR 900013187 A 19900825; NO 903849 A 19900904; PL 28677190 A 19900906; PT 9522190 A 19900905; SU 4830917 A 19900905; US 57786790 A 19900905; ZA 907060 A 19900905