

Title (en)

CONTINUOUS CASTING MACHINE AND METHOD FOR OPERATING THE CONTINUOUS CASTING MACHINE

Title (de)

STRANGGIESSANLAGE UND VERFAHREN ZUM BETRIEB DER STRANGGIESSANLAGE

Title (fr)

MACHINE DE COULÉE CONTINUE ET PROCÉDÉ DE FONCTIONNEMENT DE LA MACHINE DE COULÉE CONTINUE

Publication

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Application

EP 21773306 A 20210901

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Abstract (en)

[origin: WO2022058168A1] The invention relates to a continuous casting machine (10) for alternately casting a first hot strand (70) with a rectangular cross-section and a second hot strand (260) with a circular cross-section from a metal melt (65) and a method for operating the continuous casting machine (10), wherein the continuous casting machine has a strand guide (55) with at least one first driving stand (80) and a second driving stand (85) arranged downstream in the feeding direction (75) of the first hot strand (70), wherein the first driving stand (80) has a first roll pair (105) with a first roll (110) and a second roll (115) and the second driving stand (85) has a second roll pair (141) with a third roll (145) and a fourth roll (150), wherein the first roll (110) and the second roll (115) each have, on the circumferential side, a first running surface (195), which is in each case designed cylindrically in a first partial section (200), wherein the first roll (110) and the second roll (115) each have, in a second partial section (205) of the first running surface (195) adjacent to the first partial section, a first recess (215) formed circumferentially on the first running surface (195), wherein the third roll (145) and the fourth roll (150) each have a cylindrical second running surface (220), wherein the first partial section (200) is designed to guide the first hot strand (70) and the first recess (215) is designed to guide the second hot strand (260).

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