

Title (en)

Method and apparatus for twin roll continuous casting

Title (de)

Verfahren und Vorrichtung zum Stranggiessen mit Doppelrollen

Title (fr)

Procédé et dispositif de coulée continue entre cylindres

Publication

EP 0677345 B1 19980114 (FR)

Application

EP 95400446 A 19950302

Priority

FR 9403164 A 19940315

Abstract (en)

[origin: EP0677345A1] A method is claimed for the continuous casing of thin metal products between rolls, according to which the molten metal is cast in a casting space (3) defined by the cylindrical walls of two rolls (1,2) with parallel axes. These rolls are counter rotated and internally cooled. Two fixed lateral closing walls (4) are placed against the front end surfaces of the rolls. A lubricant is spread on these front surfaces (5) to lubricate the interfaces between the rolls and the walls and the solidified product is extracted in a direction (F) essentially perpendicular to a plane containing the axes of the rolls. A system (18, 19) is provided to measure one or more parameters representing the rubbing or sealing conditions of the roll-wall interfaces and the quantity of lubricant is regulated as a function of the values of these measured parameters in order to remove the lubricant and thus provoke a temporary more rapid erosion of the closing walls. The device used to put this method into service is also claimed. <IMAGE>

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B22D 11/06

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CPC (source: EP)

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Cited by

CN100366364C; AU725198B2; CN1077819C; US6202792B1; US7337827B2; WO2005002757A1; WO9932246A1; WO2005025776A1; KR100801587B1

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