

Title (en)

Cassette forming the closing front surface of a continuous casting machine.

Title (de)

Kassette, bestimmt zum Abschliessen der Stirnseite einer Stranggiessanlage.

Title (fr)

Cassette destinée à former une face de fermeture frontale d'un dispositif de coulée continue de métal liquide.

Publication

EP 0406142 B1 19931215 (FR)

Application

EP 90470037 A 19900612

Priority

FR 8908481 A 19890626

Abstract (en)

[origin: EP0406142A1] Cassette (3) for a device for continuous casting of molten metal between two parallel rolls (2), comprising a casing (4) which is open on one of its sides, containing a plate (5) of refractory material which can be preheated before casting of the molten metal; the refractory plate (5) is preformed so as to reserve a free space (8) between its periphery and the wall (4b) of the casing (4), and this cassette is equipped with means (9, 11) for fastening and clamping the plate (5), with elastic antagonistic action permitting free expansion in the casing (4) of the plate (5) during its heating up. The free expansion of the refractory (5) prevents any bulging or bending of the latter and of the assembly of the cassette (3), and thus ensures maintenance of sufficient leaktightness to avoid any risk of infiltrations of molten metal between the front faces (2a) of the rolls (2) and the refractory plate (5). <IMAGE>

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