

Title (en)

Control instrument and method for monitoring a plate of an ingot mould in a continuous casting plant

Title (de)

Steuervorrichtung und Verfahren zur Überwachung einer Kokillenplatte in einer Stranggießanlage

Title (fr)

Instrument de commande et procédé de surveillance d'une plaque d'une lingotière dans une installation de coulée continue

Publication

EP 2529859 B1 20150902 (EN)

Application

EP 12169709 A 20120529

Priority

IT BO20110317 A 20110531

Abstract (en)

[origin: EP2529859A1] A control instrument (11) for monitoring a plate (10) of an ingot mould (4) in a continuous casting plant (1); the control instrument (11) is provided with: a rigid frame (13) provided with a plurality of feet (14) suited to be laid against a vertical wall (12) of the plate (10); a distance measuring device (20) suited to face the vertical wall (12) so as to measure a distance (D) existing with respect to the vertical wall (12) itself; a moving device (21), which moves the distance measuring device (20) along a vertical measuring path (P); a position sensor (22), which detects the position of the distance measuring device (20) along the vertical measuring path (P); and a processing unit (23), which correlates the distance (D) with respect to the vertical wall (12), which has been measured by the distance measuring device (20), with the position of the distance measuring device (20) along the vertical measuring path (P), so as to obtain a profile of the vertical wall (12) (Fig. 3).

IPC 8 full level

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CPC (source: EP)

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