Title (en)

DEVICE FOR LOCAL PROCESSING OF CASTING DATA ARISING FROM MEASUREMENT DATA OBTAINED FROM A CONTINUOUS CASTING MOULD BY MEANS OF SENSORS AND USE OF THE DEVICE

Title (de)

EINRICHTUNG ZUR DEZENTRALEN GIESSDATENVERARBEITUNG DER AN EINER STRANGGIESSKOKILLE ÜBER SENSOREN GEWONNENEN MESSDATEN UND VERWENDUNG DIESER EINRICHTUNG

Title (fr)

DISPOSITIF POUR TRAITER, DE MANIERE DECENTRALISEE, DES DONNEES DE COULEE MESUREES PAR L'INTERMEDIAIRE DE DETECTEURS SUR UNE COQUILLE POUR COULEE CONTINUE ET SON UTILISATION

Publication

EP 1289692 B1 20070328 (DE)

Application

EP 01949360 A 20010526

Priority

- DE 10028304 A 20000607
- EP 0106028 W 20010526

Abstract (en)

[origin: DE10028304A1] Process for locally processing casting data obtained from sensors in a continuous casting plant comprises collecting measuring and control data in cooled field bus modules (2) directly on the casting mold (1); converting into bus signals in a bus line (3); and storing and/or processing in a control device of a continuous casting plant. An Independent claim is also included for a device for locally processing casting data obtained from sensors in a continuous casting plant. Preferred Features: Mold-specific information about the copper plate thickness, the degree of wear, the condition of the thermosensors and/or the resistance thermosensors and the servicing cycles are stored in the field bus modules on the mold.

IPC 8 full level

B22D 11/16 (2006.01)

CPC (source: EP KR US)

B22D 11/16 (2013.01 - EP KR US)

Cited by

US8939191B2; US8162030B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2003014195 A1 20030116; **US 7043404 B2 20060509**; AT E357986 T1 20070415; AU 7053901 A 20011217; BR 0106994 A 20020521; CA 2395640 A1 20011213; CA 2395640 C 20081230; CN 1222385 C 20051012; CN 1392811 A 20030122; DE 10028304 A1 20011213; DE 50112270 D1 20070510; EP 1289692 A1 20030312; EP 1289692 B1 20070328; HU P0203209 A2 20030128; JP 2003534924 A 20031125; JP 5013649 B2 20120829; KR 100738356 B1 20070712; KR 20020063861 A 20020805; MX PA02002699 A 20021023; RO 121095 B1 20061229; RU 2257281 C2 20050727; TR 200201468 T2 20021021; WO 0194052 A1 20011213

DOCDB simple family (application)

US 16921202 A 20020627; AT 01949360 T 20010526; AU 7053901 A 20010526; BR 0106994 A 20010526; CA 2395640 A 20010526; CN 01803042 A 20010526; DE 10028304 A 20000607; DE 50112270 T 20010526; EP 0106028 W 20010526; EP 01949360 A 20010526; HU P0203209 A 20010526; JP 2002501605 A 20010526; KR 20027003722 A 20020321; MX PA02002699 A 20010526; RO 200200385 A 20010526; RU 2002135088 A 20010526; TR 200201468 T 20010526