Title (en)

DEVICE FOR CONTROLLING THE STOPPER OF A METALLURGICAL VESSEL

Title (de

VORRICHTUNG ZUR STEUERUNG EINES STOPFENS EINES METALLURGISCHEN GEFÄSSES

Title (fr)

DISPOSITIF DE COMMANDE DE LA QUENOUILLE D'UN RECIPIENT METALLURGIQUE

Publication

EP 0620771 B2 20010613 (DE)

Application

EP 94900005 A 19931110

Priority

- AT 222892 A 19921111
- AT 9300174 W 19931110

Abstract (en)

[origin: US5472178A] PCT No. PCT/AT93/00174 Sec. 371 Date Jul. 11, 1994 Sec. 102(e) Date Jul. 11, 1994 PCT Filed Nov. 10, 1993 PCT Pub. No. WO94/11137 PCT Pub. Date May 26, 1994.In a device for controlling a plug (5) of a metallurgical vessel (1), in particular a distributing launder of a continuous casting installation, with a plug (5), which can be raised and lowered and which is supported in a support frame which is movable relative to the metallurgical vessel (1), the support frame for the plug (5), which can be raised and lowered, is supported outside of the metallurgical vessel (1) displaceable in a direction crosswise to the lifting direction of the plug (5) and can be releasably locked together with the metallurgical vessel. By means of this a simple separation of the plug mechanism (9) and the metallurgical vessel (1) is possible without operational elaboration and an exchange of the metallurgical vessel (1), for example, is made possible without having to dismantle the entire plug mechanism (5, 9).

IPC 1-7

B22D 41/20

IPC 8 full level

B22D 41/20 (2006.01)

CPC (source: EP US)

B22D 41/20 (2013.01 - EP US)

Designated contracting state (EPC)

AT DE IT

DOCDB simple family (publication)

WO 9411137 A1 19940526; AT 403773 B 19980525; AT A222892 A 19971015; AT E170784 T1 19980915; DE 59308973 D1 19981015; EP 0620771 A1 19941026; EP 0620771 B1 19980909; EP 0620771 B2 20010613; US 5472178 A 19951205

DOCDB simple family (application)

AT 9300174 W 19931110; AT 222892 A 19921111; AT 94900005 T 19931110; DE 59308973 T 19931110; EP 94900005 A 19931110; US 25651494 A 19940711