

Title (en)

PLUG FOR SEALING VESSELS CONTAINING MOLTEN METAL

Title (de)

STOPFEN FÜR DEN VERSCHLUSS VON METALLSCHMELZE AUFNEHMENDEN BEHÄLTNISSEN

Title (fr)

BOUCHON POUR FERMER DES CUVES CONTENANT DES METAUX EN FUSION

Publication

EP 1079947 B1 20020724 (DE)

Application

EP 99923554 A 19990507

Priority

- DE 19823988 A 19980529
- EP 9903145 W 19990507

Abstract (en)

[origin: DE19823988A1] The invention relates to a bott for sealing vessels containing molten metal, comprising an e.g., rod-shaped stopping body which consists of a fireproof material and which has a bore for releasably engaging an e.g. metal fixing rod for mounting on a lifting mechanism. Said fixing rod has at least two diametrically opposite locking projections at its fixing end, said locking projections protruding outwards radially from the periphery of the fixing rod. The locking projections can be moved into longitudinal slots provided in the stopping body until they reach an axial position in which the fixing rod can be turned in relation to the stopping body with the locking projections, said longitudinal slots being angularly offset in relation to each other and being adjacent to the bore, until they reach a position in which the locking projections can enter detent recesses in the stopping body by moving in a direction axial to the upper end of the stopping body, said detent recesses being angularly offset in relation to each other. The invention also relates to an alternative embodiment of the inventive bott.

IPC 1-7

B22D 41/18

IPC 8 full level

B22D 41/18 (2006.01)

CPC (source: EP)

B22D 41/18 (2013.01); **B22D 41/186** (2013.01)

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

DE 19823988 A1 19991209; DE 19823988 C2 20000720; AU 4038999 A 19991220; DE 59902127 D1 20020829; DE 59906467 D1 20030904; EP 1079947 A1 20010307; EP 1079947 B1 20020724; EP 1177845 A1 20020206; EP 1177845 B1 20030730; ES 2183556 T3 20030316; ES 2203571 T3 20040416; TW 407080 B 20001001; WO 9962659 A1 19991209

DOCDB simple family (application)

DE 19823988 A 19980529; AU 4038999 A 19990507; DE 59902127 T 19990507; DE 59906467 T 19990507; EP 01123636 A 19990507; EP 9903145 W 19990507; EP 99923554 A 19990507; ES 01123636 T 19990507; ES 99923554 T 19990507; TW 88108830 A 19990708