

Title (en)

PROCESS AND DEVICE FOR PARTIALLY RECONSTRUCTING THE LINING WALL OF STEEL CASTING LADLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR TEILWEISEN WIEDERHERSTELLUNG DER WANDZUSTELLUNG VON STAHLGIESSPFANNEN

Title (fr)

PROCEDE ET DISPOSITIF DE RECONSTRUCTION PARTIELLE DE LA PAROI DE REVETEMENT DE POCHES A ACIER EN FUSION

Publication

EP 0742889 B1 19971001 (DE)

Application

EP 95908261 A 19950203

Priority

- DE 4403271 A 19940203
- EP 9500398 W 19950203

Abstract (en)

[origin: DE4403271C1] The refractory lining in the upper wall zone of a steel casting or treatment ladle is repaired by pouring a refractory castable into the annular space between a shuttering piece and the remaining wear lining. The gap between the lower end of the shuttering piece (5) and the wear lining (3), extending below the region (4) to be repaired, is sealed by inflation of a hose-like seal (7) which is subsequently deflated before withdrawal of the shuttering piece (5).

IPC 1-7

F27D 1/16

IPC 8 full level

F27D 1/16 (2006.01); **F27D 3/00** (2006.01)

CPC (source: EP)

F27D 1/1626 (2013.01); **F27D 2001/1605** (2013.01); **F27D 2003/0001** (2013.01); **F27D 2003/0036** (2013.01)

Designated contracting state (EPC)

BE DE ES FR GB IT LU SE

DOCDB simple family (publication)

DE 4403271 C1 19950601; CZ 228596 A3 19970514; CZ 284815 B6 19990317; DE 59500757 D1 19971106; EP 0742889 A1 19961120; EP 0742889 B1 19971001; ES 2110315 T3 19980201; FI 111188 B 20030613; FI 963060 A0 19960802; FI 963060 A 19961001; PL 178437 B1 20000428; PL 315810 A1 19961209; WO 9521363 A1 19950810; ZA 95855 B 19960110

DOCDB simple family (application)

DE 4403271 A 19940203; CZ 228596 A 19950203; DE 59500757 T 19950203; EP 9500398 W 19950203; EP 95908261 A 19950203; ES 95908261 T 19950203; FI 963060 A 19960802; PL 31581095 A 19950203; ZA 95855 A 19950203