

Title (en)  
CLOSURE PLATE AND A SLIDE GATE ON THE OUTLET OF A CONTAINER CONTAINING MOLTEN METAL

Title (de)  
VERSCHLUSSPLATTE SOWIE EIN SCHIEBEVERSCHLUSS AM AUSGUSS EINES METALLSCHMELZE ENTHALTENDEN BEHÄLTERS

Title (fr)  
PLAQUE D'OBTURATION AINSI QUE BUSETTE A TIROIR SUR LA BUSETTE DE COULEE D'UN RECIPIENT CONTENANT DU METAL EN FUSION

Publication  
**EP 1064115 B1 20030604 (DE)**

Application  
**EP 99907222 A 19990317**

Priority

- CH 9900119 W 19990317
- CH 63498 A 19980317

Abstract (en)  
[origin: WO9947296A1] The invention relates to a closure plate (20) for a slide gate (10) comprising a fire-resistant plate (22) and a metal jacket (33) which surrounds said fire-resistant plate. A centering means is assigned to the closure plate (20). Said centering means is formed by preferably two stopping surfaces (23, 24) which are arranged at a certain distance from one another. Each stopping surface almost at least partially rises up vertically in relation to the plate support (26) formed by the metal jacket (21) and comprises a thickness which is approximately equal to the thickness (21') of the metal jacket. These stopping surfaces (23, 24) are arranged in such a way that they lie on correspondingly configured stopping surfaces (18', 19') situated on the metal frame (14, 15) when the plate (20) is in an inserted and centered state. This plate (20) can be manufactured in an easy and economical manner.

IPC 1-7  
**B22D 41/34**

IPC 8 full level  
**B22D 11/10** (2006.01); **B22D 41/28** (2006.01); **B22D 41/34** (2006.01)

CPC (source: EP KR US)  
**B22D 41/34** (2013.01 - EP KR US)

Cited by  
EP2481500A1; AU2012213730B2; WO2012104028A1; TWI615218B

Designated contracting state (EPC)  
AT BE CH DE ES FI FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9947296 A1 19990923**; AT E242071 T1 20030615; AU 2709499 A 19991011; AU 754954 B2 20021128; BR 9908676 A 20001205; CA 2323902 A1 19990923; CA 2323902 C 20091110; CN 1127387 C 20031112; CN 1298330 A 20010606; DE 59905840 D1 20030710; EP 1064115 A1 20010103; EP 1064115 B1 20030604; ES 2203075 T3 20040401; JP 2002506734 A 20020305; JP 4446598 B2 20100407; KR 100551472 B1 20060214; KR 20010041439 A 20010525; MY 129237 A 20070330; RU 2216431 C2 20031120; TR 200002655 T2 20010122; TW 542758 B 20030721; US 6415967 B1 20020709; ZA 992114 B 19990928

DOCDB simple family (application)  
**CH 9900119 W 19990317**; AT 99907222 T 19990317; AU 2709499 A 19990317; BR 9908676 A 19990317; CA 2323902 A 19990317; CN 99804067 A 19990317; DE 59905840 T 19990317; EP 99907222 A 19990317; ES 99907222 T 19990317; JP 2000536516 A 19990317; KR 20007009584 A 20000829; MY PI9900983 A 19990316; RU 2000126285 A 19990317; TR 200002655 T 19990317; TW 88103934 A 19990316; US 64641400 A 20001103; ZA 992114 A 19990316