

Title (en)

CLOSURE ELEMENT FOR A SLIDING CLOSURE ON A VESSEL CONTAINING MOLTEN METAL AND SLIDING CLOSURE WITH SUCH A CLOSURE ELEMENT

Publication

**EP 0325646 B1 19910911 (DE)**

Application

**EP 88907280 A 19880716**

Priority

DE 3726312 A 19870807

Abstract (en)

[origin: WO8901373A1] A closure element (1), in particular a sliding closure element for a sliding closure on a vessel containing molten metal, has at least one throughflow channel (2, 3) and can be interchangeably inserted in a stationary or mobile support frame (4). To prolong its service life, the closure element (1) is traversed by at least two throughflow channels (2, 3) the openings (5, 6; 7, 8) of which lie in different, preferably flat, surfaces (9, 10; 11, 12), in particular different working surfaces, of the closure element (1). Also described is a sliding closure with such a closure element.

IPC 1-7

**B22D 41/08**

IPC 8 full level

**B22D 41/08** (2006.01); **B22D 41/28** (2006.01)

CPC (source: EP US)

**B22D 41/28** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 8901373 A1 19890223**; AT E67107 T1 19910915; DE 3726312 A1 19890216; DE 3726312 C2 19891102; DE 3864810 D1 19911017; EP 0325646 A1 19890802; EP 0325646 B1 19910911; US 4991754 A 19910212

DOCDB simple family (application)

**EP 8800644 W 19880716**; AT 88907280 T 19880716; DE 3726312 A 19870807; DE 3864810 T 19880716; EP 88907280 A 19880716; US 29462688 A 19881206