

Title (en)

LADLE NOZZLE BRICK FOR A CLOSURE DEVICE OF A LADLE

Publication

EP 0352353 B1 19910508 (DE)

Application

EP 88112240 A 19880728

Priority

EP 88112240 A 19880728

Abstract (en)

[origin: EP0352353A1] The ladle nozzle brick (1) of an opening device for a ladle possesses, according to the invention, an asymmetrical design of the funnel-shaped aperture (4) facing the ladle, as a result of which clogging with sintered filling compound (5) is prevented. The use of oxygen lances, hitherto necessary to break up the sintered filling compound (5), becomes superfluous. <IMAGE>

IPC 1-7

B22D 41/08

IPC 8 full level

B22D 41/08 (2006.01); **B22D 41/46** (2006.01)

CPC (source: EP)

B22D 41/08 (2013.01); **B22D 41/465** (2013.01)

Cited by

KR100776043B1; US5524119A; CN110170641A; EP0916436A1; EP0653261A1; WO2009033633A1; WO9218818A1; WO0075380A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0352353 A1 19900131; **EP 0352353 B1 19910508**; AT E63246 T1 19910515; DE 3862760 D1 19910613; ES 2023471 B3 19920116; GR 3002029 T3 19921230

DOCDB simple family (application)

EP 88112240 A 19880728; AT 88112240 T 19880728; DE 3862760 T 19880728; ES 88112240 T 19880728; GR 910400307 T 19910530