

Title (en)

NOZZLE FOR CONTINUOUS CASTING OF STEEL

Title (de)

GIESSDÜSE FÜR DAS STRANGGIESSEN VON STAHL

Title (fr)

AJUTAGE POUR COULAGE CONTINU D'ACIER

Publication

EP 0936008 A1 19990818 (EN)

Application

EP 98914122 A 19980421

Priority

- JP 9801825 W 19980421
- JP 11824197 A 19970508

Abstract (en)

A nozzle for use in continuous casting of steel, which is free from blockage and has melt-damage resistance, is provided. A nozzle for use in continuous casting of steel according to the present invention is characterized in that at least an interior surface of the nozzle and/or portions that come into contact with molten steel are composed of a refractory material comprising, as mineral phase, spinel, or spinel and periclase. <IMAGE>

IPC 1-7

B22D 11/10; B22D 41/54

IPC 8 full level

B22D 11/10 (2006.01); **B22D 41/50** (2006.01); **B22D 41/54** (2006.01)

CPC (source: EP)

B22D 41/505 (2013.01); **B22D 41/54** (2013.01)

Cited by

CN105965006A

Designated contracting state (EPC)

AT DE GB IT

DOCDB simple family (publication)

WO 9850184 A1 19981112; AU 6855298 A 19981127; AU 714663 B2 20000106; EP 0936008 A1 19990818; EP 0936008 A4 20000809; JP 3213699 B2 20011002; JP H10305355 A 19981117

DOCDB simple family (application)

JP 9801825 W 19980421; AU 6855298 A 19980421; EP 98914122 A 19980421; JP 11824197 A 19970508