

Title (en)

Stopper rod

Title (de)

Stopfenstange

Title (fr)

Quenouille

Publication

EP 1736260 A1 20061227 (EN)

Application

EP 05013320 A 20050621

Priority

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Abstract (en)

The invention relates to a stopper rod for controlling the flow of molten metal from a metallurgical vessel like a tundish. The stopper having a gas channel (22) which is larger than the distance defined by a straight line between its ends (22i,22o).

IPC 8 full level

B22D 41/18 (2006.01)

CPC (source: EP US)

B22D 41/186 (2013.01 - EP US)

Citation (applicant)

- EP 0358535 B2 20000531 - VESUVIUS FRANCE SA [FR]
- EP 1401600 B1 20041006 - VESUVIUS CRUCIBLE CO [US]

Citation (search report)

- [YD] EP 1401600 B1 20041006 - VESUVIUS CRUCIBLE CO [US]
- [Y] EP 0329645 A1 19890823 - VEITSCHER MAGNESITWERKE AG [AT]

Cited by

DE102007004958B4; EP3705204A1; US12005494B2; WO2017162263A1; WO2024017662A1; WO2020182362A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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