

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

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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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