

Title (en)

Device for teeming a liquid metal.

Title (de)

Vorrichtung zum Giessen von flüssigem Metall.

Title (fr)

Dispositif pour couler du métal liquide.

Publication

**EP 0462478 A1 19911227 (FR)**

Application

**EP 91109425 A 19910608**

Priority

LU 87752 A 19900620

Abstract (en)

Improvement to devices used for causing molten metal to flow, characterised in that the effective section of the device, consisting of the available conduit surface for the flow of the metal upon progressive opening of the passage, is firstly kept small, and in that at least over a part of its height the flow conduit possesses an active profiled passage section, the profile extending as far as the limiting end of the conduit and having a shape comparable to that of a three- to four-pointed star, the bases of the points of the profile extending axially in the direction of the flow and used for guiding the flowing metal. <IMAGE>

IPC 1-7

**B22D 41/50**

IPC 8 full level

**B22D 7/12** (2006.01); **B22D 41/24** (2006.01); **B22D 41/30** (2006.01); **B22D 41/50** (2006.01)

CPC (source: EP US)

**B22D 41/50** (2013.01 - EP US)

Citation (search report)

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- [Y] GB 1159118 A 19690723 - STOECKER & KUNZ GMBH [DE]
- [A] DE 1201013 B 19650916 - STOECKER & KUNZ GES MIT BESCHR
- [A] FR 1514434 A 19680223 - STOECKER & KUNZ G M B H

Cited by

EP2543455A1; EA025092B1; US9375786B2; WO2013007526A3

Designated contracting state (EPC)

AT BE DE ES FR GB IT

DOCDB simple family (publication)

**EP 0462478 A1 19911227**; CA 2043758 A1 19911221; JP H04231171 A 19920820; LU 87752 A1 19920115; US 5173198 A 19921222

DOCDB simple family (application)

**EP 91109425 A 19910608**; CA 2043758 A 19910603; JP 17475591 A 19910620; LU 87752 A 19900620; US 71478891 A 19910612