

Title (en)

Method and device for producing flowable metal foam

Title (de)

Verfahren und Vorrichtung zur Herstellung von fließfähigem Metallschaum

Title (fr)

Procédé et dispositif pour la fabrication d'une mousse métallique fluide

Publication

**EP 1419835 B1 20060503 (DE)**

Application

**EP 03450197 A 20030904**

Priority

AT 13482002 A 20020909

Abstract (en)

[origin: EP1419835A1] Production of a flowable metal foam having a mono-modal distribution of the dimensions of the hollow spaces comprises feeding gas (5) into a metal melt (4) from inlet pipes (3) protruding into a metallurgical vessel (2), and forming bubbles (6) on the ends (31) of the pipes. Independent claim are also included for: (a) device for producing a flowable metal foam having a mono-modal distribution of the dimensions of the hollow space; and (b) flowable metal foam produced.

IPC 8 full level

**B22D 25/00** (2006.01); **B22D 25/02** (2006.01); **C22C 1/08** (2006.01)

CPC (source: EP US)

**B22D 25/005** (2013.01 - EP US); **B22F 3/1103** (2013.01 - EP US); **C22C 1/08** (2013.01 - EP US); **C22C 1/086** (2023.01 - EP); **C22C 1/086** (2023.01 - US); **Y10T 428/12479** (2015.01 - EP US); **Y10T 428/249967** (2015.04 - EP US); **Y10T 428/24997** (2015.04 - EP US)

Cited by

DE102004054961A1; DE102006031213B3; DE102005037305A1; DE102005037305B4; RU2696998C1; US8562904B2; WO2010064059A2

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