

Title (en)

Refractory structure for the tap hole of a casting ladle.

Title (de)

Feuerfeste Anordnung für den Ausguss einer Giesspfanne.

Title (fr)

Structure réfractaire pour le trou de coulée d'une poche de coulée.

Publication

**EP 0388387 A1 19900919 (FR)**

Application

**EP 90870039 A 19900314**

Priority

BE 8900271 A 19890314

Abstract (en)

The refractory structure is composed of two refractory pieces (11, 13) masoned into each other, the first piece (11) forming an upper refractory brick which delimits an upper runner (10), the said brick being masoned into the refractory lining (6) which lines the bottom of the casting ladle, and the second refractory piece (13) forming a lower ring which delimits a lower runner (16) extending the upper runner (10). The gap between the two abovementioned refractory pieces (11, 13) is filled with a mortar joint (18) which extends to form a frustoconical surface surrounding a part of the lower runner and extends as far as the outer cylindrical surface of the outer flange (15) of the ring (13), surrounding the said outer cylindrical surface as far as the outer surface of the bottom (1) of the casting ladle. <IMAGE>

IPC 1-7

**B22D 41/50**

IPC 8 full level

**B22D 41/50** (2006.01)

CPC (source: EP)

**B22D 41/50** (2013.01)

Citation (search report)

- [A] BE 896223 A 19830921 - VESUVIUS INTERNAT CORP
- [A] GB 1454265 A 19761103 - FLOGATES LTD
- [A] US 2063377 A 19361208 - GOVERT HELMER
- [A] BE 901117 A 19850523 - DESAAR RENE

Cited by

CN107043860A; AU749053B2; CN1098132C; US6422436B1; WO0013822A1

Designated contracting state (EPC)

AT DE FR GB IT LU NL SE

DOCDB simple family (publication)

**EP 0388387 A1 19900919**; BE 1002943 A5 19910917

DOCDB simple family (application)

**EP 90870039 A 19900314**; BE 8900271 A 19890314