

Title (en)

Metal-flow impact pad and diffuser for tundish

Title (de)

Pralltopf und Diffusor für eine Zwischenpfanne

Title (fr)

Élément d'impact par écoulement de métal et diffuseur pour panier de coulée

Publication

EP 2537610 A2 20121226 (EN)

Application

EP 12173052 A 20120621

Priority

- EP 11171203 A 20110623
- EP 12173052 A 20120621

Abstract (en)

The invention relates to a diffuser for use in a tundish and made of a refractory material comprising (a) a base portion having a top surface and a bottom surface, wherein said top surface is an impact surface suitable for withstanding the impact of molten metal; and (b) an outer side wall entirely surrounding said base portion and extending from said top surface of said base portion in order to form a substantially bucket-like structure, and characterised in that said outer side wall comprises two or more flow outlets in the form of recesses extending from the edge of said side wall furthest away from said base portion towards but not up to said base portion. The invention further relates to the use of a diffuser in the process of pouring molten metal through a tundish.

IPC 8 full level

B22D 41/00 (2006.01)

CPC (source: EP)

B22D 41/003 (2013.01)

Citation (applicant)

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- DE 19726540 A1 19981224 - GFT GES FUER FEUERFEST TECHNIK [DE]
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Designated contracting state (EPC)

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