

Title (en)
FEEDER FOR USE IN CASTING MOLTEN METAL

Title (de)
SPEISER ZUR VERWENDUNG BEIM GIESSEN VON GESCHMOLZENEM METALL

Title (fr)
MASSELOTTE S'UTILISANT LORS DU COULAGE DE METAL FONDU

Publication
EP 0779844 B1 19990804 (DE)

Application
EP 96921869 A 19960627

Priority
• DE 9601150 W 19960627
• DE 29510068 U 19950628

Abstract (en)
[origin: WO9701406A1] Disclosed is a feeder for use in casting molten metal in casting moulds. It comprises a hollow mould body made from an exothermic material and closed off at its top end by a horizontal wall section. The side wall (9) of the feeder is so designed as to be outwardly convex from the top wall section (5), merging at the bottom end into an admission section (7) also referred to as a feed neck, and is provided with several ribs (12) which project into the inner chamber; these ribs merge at their ends with the upper wall or admission section. The feeder is preferably designed in such a way that the outer contour of the side wall (9) from the upper rim of the upper wall (5) as far as the bottom edge of the admission section (7) is essentially tear-shaped in longitudinal section, while the inner contour of the side wall (9) at least in the lower region of the feeder is essentially egg-shaped in longitudinal section between the ribs (12). The feeder is characterised in that it has a small standing surface without requiring undercuts at the lower feeder end, while also having a large volume, good pressure resistance, low weight and excellent exothermic properties.

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B22C 9/08

IPC 8 full level
B22C 9/08 (2006.01)

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