

Title (en)

A launder system for supplying molten metal and a launder nozzle.

Title (de)

Giessrinne und Giessdüse für geschmolzenes Metall.

Title (fr)

Dispositif de canal de coulée avec une buse de coulée.

Publication

EP 0453079 A1 19911023 (EN)

Application

EP 91301900 A 19910307

Priority

GB 9008538 A 19900417

Abstract (en)

A launder system (16) for supplying molten metal (14) from a crucible (10) to a casting mould or a secondary process comprises a nozzle (22) which has a filter (26) positioned within the nozzle (22) to filter the molten metal as it flows through the nozzle (22). The nozzle (22) and filter (26) assembly is removably locatable on the launder system (16), and is used once and is replaced by a new nozzle and filter assembly. This allows efficient cleaning of the molten metal without an increase of probability of blockage due to the filter. The scrapping rate of the launder system is reduced, and hence the launder may be used many times. <IMAGE>

IPC 1-7

B22D 1/00; **B22D 35/00**; **B22D 41/50**

IPC 8 full level

B22C 9/08 (2006.01); **B22D 35/00** (2006.01); **B22D 41/50** (2006.01); **B22D 41/54** (2006.01); **B22D 41/56** (2006.01); **B22D 41/60** (2006.01); **B22D 43/00** (2006.01)

CPC (source: EP)

B22C 9/086 (2013.01); **B22D 35/00** (2013.01); **B22D 41/50** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0453079 A1 19911023; GB 9008538 D0 19900613; JP H04228257 A 19920818

DOCDB simple family (application)

EP 91301900 A 19910307; GB 9008538 A 19900417; JP 8264391 A 19910415