

Title (en)

Device for casting molten metal.

Title (de)

Vorrichtung zum Giessen von geschmolzenem Metall.

Title (fr)

Dispositif pour la coulée de métal fondu.

Publication

EP 0317500 A1 19890524 (DE)

Application

EP 88810737 A 19881027

Priority

US 12163487 A 19871116

Abstract (en)

[origin: US4802527A] Apparatus for casting molten metal including a mold for casting molten metal having a base portion, a molten metal inlet located at the base portion, a filter positioned across the molten metal inlet so that all the molten metal must pass therethrough and a well beneath said inlet and beneath said filter.

Abstract (de)

Eine Vorrichtung zum Giessen von geschmolzenem Metall weist eine Giessform (15) mit einem Basisteil (22), einen am Basisteil (22) befindlichen Schmelzeinlass (23), ein quer über den Schmelzeinlass (23) derart angeordnetes Filter (24), dass die gesamte Metallschmelze durch das Filter (24) fließen muss, und eine Wanne (21) unterhalb des Metallschmelzeinlasses (23) und des Filters (24) auf.

IPC 1-7

B22C 9/08

IPC 8 full level

B22D 11/10 (2006.01); **B22C 9/08** (2006.01); **B22D 11/11** (2006.01); **B22D 11/112** (2006.01); **B22D 11/116** (2006.01); **B22D 11/117** (2006.01); **B22D 37/00** (2006.01); **B22D 43/00** (2006.01)

CPC (source: EP US)

B22C 9/086 (2013.01 - EP US)

Citation (search report)

- [X] FR 584125 A 19250130
- [Y] FR 2355588 A1 19780120 - RENAULT [FR]
- [XP] PATENT ABSTRACTS OF JAPAN, Band 12, Nr. 222 (M-712)[3069], 24. Juni 1988; & JP-A-63 20 147 (RYOBI LTD) 27-01-1988
- [X] SOVIET INVENTIONS ILLUSTRATED, Woche 8528, 22. August 1985, Sektion CH, Klasse M, Nr. 85-169919/28, Derwent Publications LTD, London, GB; & SU-A-1 130 436 (AS UKR CASTING PROBLEMS) 23-12-1984

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Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

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US 4802527 A 19890207; AR 240412 A1 19900430; AU 2519888 A 19890518; BR 8805929 A 19890801; CN 1033249 A 19890607; EP 0317500 A1 19890524; JP H01215458 A 19890829; JP H0251709 B2 19901108; ZA 888390 B 19890830

DOCDB simple family (application)

US 12163487 A 19871116; AR 31246388 A 19881115; AU 2519888 A 19881116; BR 8805929 A 19881111; CN 88107976 A 19881116; EP 88810737 A 19881027; JP 28994388 A 19881116; ZA 888390 A 19881109