

Title (en)

LIQUID METAL HEATING AND CASTING LADLE

Title (de)

HEIZ UND GIESSPFANNE FÜR METALLSCHMELZE

Title (fr)

UNE POCHE DE CHAUFFAGE ET DE COULEE DE METAUX LIQUIDES

Publication

**EP 0785836 B1 19990714 (FR)**

Application

**EP 95939307 A 19951030**

Priority

- FR 9501433 W 19951030
- FR 9413155 A 19941031

Abstract (en)

[origin: WO9613349A1] A ladle (1) comprising a main portion (5), an outlet (3) and an inductor assembly (2) fitted onto the main portion. The main portion comprises a cavity (13) defined by a refractory lining, provided with at least one opening (21) and shaped so that no pockets of molten metal remain after pouring. Consequently, the metal flows more readily, and hot deslagging and metal temperature measurement are made easier. The ladle is useful for maintaining the temperature of high melting point metals such as steel or superalloys for processes requiring metal sampling.

IPC 1-7

**B22D 41/01**; F27B 14/06; F27D 23/02; F27D 3/14

IPC 8 full level

**B22D 41/01** (2006.01); **F27B 14/06** (2006.01); **F27D 3/14** (2006.01); **F27D 23/02** (2006.01); **F27D 25/00** (2010.01); **F27B 14/02** (2006.01); **F27B 14/08** (2006.01)

CPC (source: EP US)

**B22D 41/01** (2013.01 - EP US); **F27B 14/061** (2013.01 - EP US); **F27D 3/14** (2013.01 - EP US); **F27D 25/00** (2013.01 - EP US); **F27B 14/02** (2013.01 - EP US); **F27B 2014/0875** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE ES FR GB IT SE

DOCDB simple family (publication)

**WO 9613349 A1 19960509**; AU 4118996 A 19960523; CA 2204137 A1 19960509; CA 2204137 C 20010807; DE 69510811 D1 19990819; DE 69510811 T2 19991104; EP 0785836 A1 19970730; EP 0785836 B1 19990714; ES 2136889 T3 19991201; FR 2726211 A1 19960503; FR 2726211 B1 19970117; US 5882582 A 19990316

DOCDB simple family (application)

**FR 9501433 W 19951030**; AU 4118996 A 19951030; CA 2204137 A 19951030; DE 69510811 T 19951030; EP 95939307 A 19951030; ES 95939307 T 19951030; FR 9413155 A 19941031; US 83652397 A 19970709