

Title (en)

Gooseneck for hot chamber-type die-casting machines.

Title (de)

Giessbehälter für Warmkammer-Druckgiessmaschinen.

Title (fr)

Récipient de coulée pour machines à couler sous pression à chambre chaude.

Publication

EP 0400274 B1 19931201 (DE)

Application

EP 90103944 A 19900301

Priority

DE 3917487 A 19890530

Abstract (en)

[origin: EP0400274A2] 2.1. The production of the riser in cast casting vessels made of hot-work steels and having inserted cores requires expensive postmachining and leads to pressure losses in the flowing melt. <??>2.2. As riser, the invention therefore provides a cast-in, correspondingly bent tube welded together from three parts, two different elbow parts, which are connected to a straight tube section, each being individually matchable to the on-site requirements. <??>2.3. Use for highly stressed casting vessels of hot chamber-type die-casting machines. <IMAGE>

IPC 1-7

B22D 17/02

IPC 8 full level

B22D 17/02 (2006.01)

CPC (source: EP US)

B22D 17/02 (2013.01 - US); **B22D 17/04** (2013.01 - EP)

Citation (examination)

DE 2721928 A1 19771208 - TOSHIBA MACHINE CO LTD

Cited by

DE4439871C1; IT201700033183A1; CN110461502A; WO2018178815A1; US10850323B2

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0400274 A2 19901205; EP 0400274 A3 19920408; EP 0400274 B1 19931201; DE 3917487 A1 19901206; DE 59003655 D1 19940113; ES 2047176 T3 19940216; JP 3014715 B2 20000228; JP H035056 A 19910110; US 5072778 A 19911217

DOCDB simple family (application)

EP 90103944 A 19900301; DE 3917487 A 19890530; DE 59003655 T 19900301; ES 90103944 T 19900301; JP 9329190 A 19900410; US 52658890 A 19900522