

Title (en)

Method of manufacturing copper alloy containing active metal

Title (de)

Verfahren zur Herstellung von einer aktiven metallenthaltenden Kupferlegierung

Title (fr)

Procédé de production d'un alliage de cuivre contenant un métal actif

Publication

**EP 0717119 B1 20010425 (EN)**

Application

**EP 95307543 A 19951024**

Priority

JP 26044794 A 19941025

Abstract (en)

[origin: EP0717119A2] When a copper alloy containing a metal more reactive with oxygen than copper is melted and cast, a feedstock is vacuum melted with an induction melting furnace (4) within an airtight container (5) which has been vacuum evacuated, and thereafter positive pressure is applied (via pipe 26) to the airtight container (5), and the molten metal is discharged from the furnace through a pouring siphon (32) for continuously casting in a mold (51). Said positive pressure is exerted using an inert gas. <IMAGE>

IPC 1-7

**C22C 1/02**; **C22C 9/00**; **B22D 11/10**

IPC 8 full level

**B22D 11/10** (2006.01); **B22D 11/103** (2006.01); **C22B 9/04** (2006.01); **C22C 1/02** (2006.01)

CPC (source: EP)

**B22D 11/103** (2013.01); **B22D 11/113** (2013.01); **B22D 41/05** (2013.01); **C22C 1/02** (2013.01)

Cited by

CN105499551A; CN110144472A; JP2016172911A; CN110508768A; RU2710240C2; CN104357698A; CN110947938A; IT202200006914A1; EP1900458A1; CN102632226A; US7445037B2; US8030082B2; WO2018022712A1; WO2022100770A1; WO0007758A1; WO2005000500A1; WO2023194520A1

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

**EP 0717119 A2 19960619**; **EP 0717119 A3 19960821**; **EP 0717119 B1 20010425**; DE 69520779 D1 20010531; DE 69520779 T2 20010809; JP 3003914 B2 20000131; JP H08120357 A 19960514

DOCDB simple family (application)

**EP 95307543 A 19951024**; DE 69520779 T 19951024; JP 26044794 A 19941025