

Title (en)

APPARATUS AND METHOD FOR MANUFACTURING COPPER-BASE ALLOY

Publication

EP 0259772 B1 19920805 (EN)

Application

EP 87112809 A 19870902

Priority

- JP 20613386 A 19860902
- JP 20613486 A 19860902

Abstract (en)

[origin: EP0259772A2] There are provided an apparatus and a method for manufacturing a copper-base alloy. The apparatus includes an alloying spout (16), at least one feeder (20 and/or 22) and a tundish (18). The alloying spout (16) is inclined downwardly from one end toward the other end for flowing a molten copper therethrough. The feeder (20 and/or 22) is connected to the alloying spout (16) for introducing at least one solid solute constituent into the alloying spout (16). The method includes the steps of providing the above apparatus, continuously introducing the molten copper from the inlet (16a) into the passageway (16c) of the alloying spout (16) and causing the molten copper to flow downwardly through the passageway (16c) to the outlet (16b) and continuously introducing the solid solute constituent into the passageway (16c) of the alloying spout (16) through the feeder (20 and/or 22) to mix the solute constituent with the molten copper to produce the copper-base alloy.

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B22D 11/10

IPC 8 full level

B22D 11/11 (2006.01)

CPC (source: EP KR)

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Cited by

CN104357698A; FR2679162A1; EP1240958A3; US8176966B2; US6602461B2

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EP 0259772 A2 19880316; EP 0259772 A3 19880914; EP 0259772 B1 19920805; DE 3780887 D1 19920910; DE 3780887 T2 19930114; FI 873791 A0 19870901; FI 873791 A 19880303; FI 88730 B 19930315; FI 88730 C 19930628; KR 880004113 A 19880601; KR 940006287 B1 19940714

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