

Title (en)

Method of upsetting a metallic billet and jacket - top set for carrying out said method

Title (de)

Verfahren zum Kneten von Metallknüppeln und Anordnung eines Mantels und eines Deckels zur Durchführung des Verfahrens

Title (fr)

Procédé de corroyage d'un lopin métallique et ensemble d'une chemise et d'un couvercle pour la mise en oeuvre du procédé

Publication

EP 1693127 B1 20071114 (FR)

Application

EP 06110122 A 20060217

Priority

FR 0550480 A 20050221

Abstract (en)

[origin: EP1693127A1] The cylindrical billet (1), based e.g. on nickel and cobalt produced by powder metallurgy, is inserted in a jacket with a gap between it and the billet's lateral surface, and the assembly is placed in a ramming pot (10) so a force can be applied to it to produce a slenderness ratio of more than 2.8 : 1. The base of the jacket has a recess (5) shaped to receive the end of the billet, and its upper end is closed by a welded cover (6) with a recess (7) to hold the billet in position, with the weld being broken during the ramming process.

IPC 8 full level

B21J 1/04 (2006.01); **B22F 3/02** (2006.01)

CPC (source: EP US)

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Cited by

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