

Title (en)
Foamable metal body

Title (de)
Schäumbare Metallkörper

Title (fr)
Corps métallique moussable

Publication
EP 0884123 A3 20010404 (DE)

Application
EP 98109728 A 19980528

Priority
DE 19724326 A 19970610

Abstract (en)
[origin: EP0884123A2] Production of a foamable metal body is carried out by compacting a mixture of metal powder and a magnesium hydride-containing gas-evolving blowing agent. Preferably, the blowing agent consists of magnesium hydride, optionally together with other metal hydrides (especially titanium hydride), carbonates, hydrates and/or easily vaporised materials. Also claimed are (i) a compacted semi-finished product obtained by the above process; (ii) use of the above compacted semi-finished product for foaming a closed-cell metal body, preferably in a mould cavity, by the action of elevated or reduced pressure and/or elevated temperature; and (iii) a closed-cell foamed metal body obtained from the above compacted semi-finished product.

IPC 1-7
B22F 3/11

IPC 8 full level
B30B 11/00 (2006.01); **B22F 3/11** (2006.01); **B22F 5/00** (2006.01)

CPC (source: EP US)
B22F 3/1125 (2013.01 - EP US)

Citation (search report)

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