

Title (en)

Rapid compaction of rare earth-transition metal alloys in a fluid-filled die.

Title (de)

Schnellverdichtung einer Seltenerd-Übergangsmetallegierung in einer mit Flüssigkeit gefüllten Matrice.

Title (fr)

Compaction rapide d'alliages terres rares-métaux de transition dans une matrice remplie d'un fluide.

Publication

EP 0331286 A2 19890906 (EN)

Application

EP 89300871 A 19890130

Priority

US 16355888 A 19880303

Abstract (en)

A novel method is provided for making large, fully densified rare earth-transition metal magnets. The method involves rapid compaction of very finely crystalline rare earth-transition metal alloy particles (2) retained in a die (12), using pressure applied to a substantially incompressible fluid medium (6) surrounding said particles (2).

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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