

Title (en)

PROCESS FOR BORIDING METAL AND METAL ALLOYS BY MEANS OF SOLID BORIDING AGENTS

Publication

EP 0175157 B1 19890426 (DE)

Application

EP 85110451 A 19850820

Priority

DE 3431044 A 19840823

Abstract (en)

[origin: US4637837A] A process is provided for boriding metals and metal alloys in a fluidized bed at a temperature of from about 580 DEG to about 1300 DEG C. As a boriding agent, there was used a granular material comprising essentially spherical particles having a particle size of from about 0.025 to about 5.00 mm, which granular material was manufactured by spray drying a preferably aqueous suspension or dispersion based on materials that yield boron, and which can contain fillers, extenders and binders.

IPC 1-7

C23C 8/68

IPC 8 full level

C23C 8/68 (2006.01); **C23C 8/70** (2006.01)

CPC (source: EP US)

C23C 8/68 (2013.01 - EP US); **C23C 8/70** (2013.01 - EP US)

Cited by

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