

Title (en)
METHOD AND APPARATUS FOR PRODUCING MAGNETIC POWDER

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON MAGNETPULVER

Title (fr)
PROCÉDÉ ET APPAREIL DE PRODUCTION DE POUDRE MAGNÉTIQUE

Publication
EP 2444984 A1 20120425 (EN)

Application
EP 09846173 A 20090618

Priority
JP 2009061076 W 20090618

Abstract (en)
There is provided a magnetic powder production method that aims to improve the magnetic properties of a sintered magnet by evenly coating the surface of a hard magnetic powder with a metal, such as a transition metal, etc. Such a magnetic powder production method comprises a step of aerosolizing a hard magnetic powder by means of an inert gas, a step of heating and vaporizing a metal, and a step of depositing the vaporized metal on the surface of the aerosolized hard magnetic powder.

IPC 8 full level
C22C 38/00 (2006.01); **B22F 1/17** (2022.01); **H01F 1/057** (2006.01); **H01F 1/08** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP US)
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