

Title (en)

Production method of a sintered body

Title (de)

Herstellungsverfahren eines Sinterkörpers

Title (fr)

Procédé de production d'un corps fritté

Publication

**EP 1440751 A1 20040728 (EN)**

Application

**EP 04000274 A 20040108**

Priority

JP 2003009483 A 20030117

Abstract (en)

A sintered body is produced by preparing a metal powder mixture, compacting the metal powder mixture to provide a green compact and then sintering the green compact. The metal powder mixture includes a fine metal powder having a particle size of 75  $\mu\text{m}$  or smaller, a graphite powder in an amount of 0.1 to 1.0% by mass and a powder lubricant in an amount of 0.05 to 0.80% by mass based on a total mass of the metal powder mixture. <IMAGE>

IPC 1-7

**B22F 1/00**; **C22C 33/02**

IPC 8 full level

**B22F 1/00** (2006.01); **B22F 1/10** (2022.01); **B22F 1/105** (2022.01); **B22F 3/02** (2006.01); **B22F 3/10** (2006.01); **B22F 3/24** (2006.01); **C22C 33/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

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