

Title (en)

Process for production of sintered body.

Title (de)

Verfahren zur Herstellung von gesinterten Formkörpern.

Title (fr)

Procédé pour la préparation d'articles frittés.

Publication

EP 0503966 A2 19920916 (EN)

Application

EP 92302189 A 19920313

Priority

JP 4976791 A 19910314

Abstract (en)

A sintered body is produced by a process comprising suitably mixing powders with different average particle diameters and particle size distributions to prepare a starting raw powder with a tap density of 40% or more, kneading the obtained starting raw powder with less than 38% by volume of a binder, and injection molding the obtained mixture, debinding the resulting molded body in an atmosphere containing 1 to 30% of oxygen, and finally sintering the molded body in a reducing atmosphere. <IMAGE>

IPC 1-7

B22F 3/22

IPC 8 full level

B22F 3/02 (2006.01); **B22F 1/00** (2022.01); **B22F 1/052** (2022.01); **B22F 1/06** (2022.01); **B22F 1/10** (2022.01); **B22F 1/103** (2022.01); **B22F 3/03** (2006.01); **B22F 3/035** (2006.01); **B22F 3/10** (2006.01); **B22F 3/20** (2006.01); **B22F 3/22** (2006.01)

CPC (source: EP US)

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C-Set (source: EP)

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Cited by

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