

Title (en)
Process for preparing dense sintered articles

Title (de)
Verfahren zur Herstellung dichter Sinterwerkstücke

Title (fr)
Procédé pour la préparation d'articles frittés denses

Publication
EP 0525325 B1 19960306 (DE)

Application
EP 92108827 A 19920526

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DE 4120706 A 19910622

Abstract (en)
[origin: EP0525325A1] The invention relates to a process for producing dense sintered articles from metal or ceramic materials. A flowable casting composition consisting of the pulverised material, a binder and a solvent is poured into a predetermined mould and subsequently dried. The binder is removed from the green compact thus formed and the latter is sintered. The proportion of binder in the casting composition should be minimised. Expediently, the mould is vibrated during the casting. Heating control during drying with simultaneous application of a vacuum is advantageous. Multi-layered articles can also be produced by suitable application of the process.

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