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(54) **Process for production of sintered body.**

(57) 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.

Fig. 1b

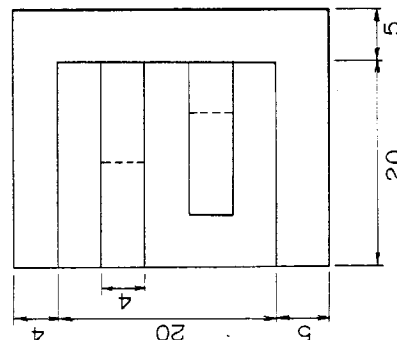
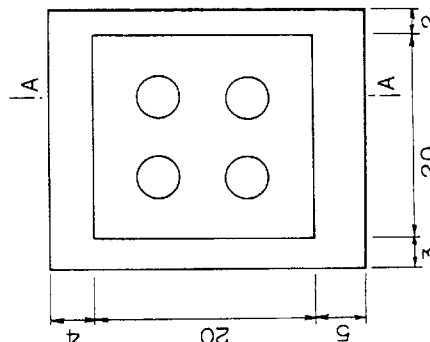


Fig. 1a





European Patent
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EUROPEAN SEARCH REPORT

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EP 92 30 2189

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-4 948 426 (KATO ET AL.) * abstract * * column 1, line 30 - line 38 * * table 1, examples 11-13 * ---	1	B22F3/22
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 388 (M-1014)22 August 1990 & JP-A-21 45 704 (SANYO CHEM IND LTD) 5 June 1990 * abstract *	1	
A	GB-A-2 198 433 (ROMAIN LOUIS BILLIET) * claim 1; table 2 * ---	1,5	
A	PATENT ABSTRACTS OF JAPAN vol. 015, no. 069 (M-1083)19 February 1991 & JP-A-22 94 403 (KAWASAKI STEEL CORP) 5 December 1990 * abstract *	1	
A	PATENT ABSTRACTS OF JAPAN vol. 007, no. 092 (M-208)16 April 1983 & JP-A-58 016 002 (NAMIKI SEIMITSU HOUSEKI KK) 29 January 1983 * abstract *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
P,A	Derwent Publications Ltd., London, GB; AN 91-174160 & JP-A-3 104 801 (FUJITSU LTD) 1 May 1991 * abstract * -----	1	B22F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 FEBRUARY 1993	Examiner ASHLEY G.W.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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