

Title (en)  
AQUEOUS CASTING COMPOUND FOR PRODUCING GREEN CERAMIC FILMS AND CERAMIC MOULDINGS PRODUCED THEREFROM.

Title (de)  
WÄSSRIGE GIESSMASSE ZUR HERSTELLUNG VON GRÜNEN KERAMIKFOLIEN UND DARAUS HERGESTELLTE KERAMIKFORMTEILE.

Title (fr)  
MATIERE DE COULEE POUR FABRIQUER DES FEUILLES CERAMIQUES CRUES ET MOULAGES CERAMIQUES AINSI REALISES.

Publication  
**EP 0663893 A1 19950726 (DE)**

Application  
**EP 93921844 A 19930923**

Priority  
• DE 4233518 A 19921006  
• EP 9302584 W 19930923

Abstract (en)  
[origin: WO9407808A1] The invention relates to a casting compound containing ceramic powder, binders and a dispersing agent suitable for producing green ceramic films by the film casting process. Its dispersing agent is essentially water and the binder is an emulsion copolymer made up of 95 to 75 wt.% acrylic or methacrylic acid esters and 5 to 25 wt.% (alpha),(beta) ethylenically unsaturated carboxylic acids in a proportion of 2.0 to 10 wt.% in relation to the total weight of the casting compound. Said emulsion copolymer is according to the invention in the form of microbeads with an average particle size, expressed in average weight dw, in the range of 75 to 150 nm.

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**C04B 35/00**

IPC 8 full level  
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CPC (source: EP)  
**C04B 35/63424** (2013.01); **C04B 35/6344** (2013.01)

Citation (search report)  
See references of WO 9407808A1

Citation (examination)  
• DATABASE WPI Week 9001, Derwent Publications Ltd., London, GB; AN 90-005252 & JP,A,1 289 804 (MIZUTANI PAINT) 21. November 1989 s  
• PATENT ABSTRACTS OF JAPAN vol. 015, no. 373 (C-0689)19. September 1991 & JP,A, 03 150 257 (DAIICHI) 26. Juni 1991 s  
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• PATENT ABSTRACTS OF JAPAN, Band 15, Nr. 373 (C-0689), 10. September 1991

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