

Title (en)  
MINERAL BINDER COMPOSITION FOR 3D PRINTING

Title (de)  
MINERALISCHE BINDEMittelZUSAMMENSETZUNG FÜR DEN 3D-DRUCK

Title (fr)  
COMPOSITION DE LIANTS MINÉRAUX POUR L'IMPRESSION 3D

Publication  
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Application  
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Abstract (en)  
[origin: WO2020187742A1] The invention relates to a dry mineral binder composition comprising cement and mineral fillers for the manufacture of molded parts by way of 3D printing. The binder composition additionally contains at least one aluminum sulfate-based accelerator, at least one polycarboxylate ether-based super-plasticizer and at least one rheology additive.

IPC 8 full level  
**B33Y 70/00** (2020.01); **B33Y 80/00** (2015.01); **C04B 28/04** (2006.01); **C04B 40/06** (2006.01)

CPC (source: EP US)  
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C-Set (source: EP)  
1. **C04B 28/04 + C04B 7/323 + C04B 14/06 + C04B 14/106 + C04B 14/28 + C04B 22/148 + C04B 24/2647 + C04B 24/383 + C04B 40/0608 + C04B 2103/44 + C04B 2103/50**  
2. **C04B 28/04 + C04B 14/06 + C04B 14/106 + C04B 14/28 + C04B 22/008 + C04B 22/148 + C04B 24/2647 + C04B 24/383 + C04B 40/0608 + C04B 2103/44 + C04B 2103/50**

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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