

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

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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
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CPC (source: EP US)
B28B 1/001 (2013.01 - EP US); **B28C 5/06** (2013.01 - EP); **B28C 5/0875** (2013.01 - EP); **B28C 5/1261** (2013.01 - EP); **B33Y 10/00** (2014.12 - US); **B33Y 70/00** (2014.12 - EP); **B33Y 70/10** (2020.01 - US); **B33Y 80/00** (2014.12 - EP); **C04B 14/28** (2013.01 - US); **C04B 22/148** (2013.01 - US); **C04B 24/2647** (2013.01 - US); **C04B 24/383** (2013.01 - US); **C04B 28/04** (2013.01 - EP); **C04B 28/065** (2013.01 - US); **C04B 40/0042** (2013.01 - US); **C04B 40/0608** (2013.01 - EP); **C04B 2103/0079** (2013.01 - US); **C04B 2103/10** (2013.01 - US); **C04B 2103/32** (2013.01 - US); **C04B 2103/50** (2013.01 - US); **C04B 2111/00181** (2013.01 - EP US)

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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