

Title (en)
Mineral fillers and pigments containing carbonate

Title (de)
Carbonat-haltige mineralische Füllstoffe und Pigmente

Title (fr)
Charges et pigments minéraux contenant du carbonate

Publication
EP 0531685 B1 19951213 (DE)

Application
EP 92112697 A 19920724

Priority
DE 4128570 A 19910828

Abstract (en)
[origin: EP0531685A1] Carbonate-containing mineral fillers, pigments or similar materials are described which are characterised in that they have
a) a rhombohedral or substantially circular particle shape, b) a steepness factor from 1.1 to 1.4, c) a ratio $R = \frac{\text{DIVIDED \% of the particles} < 0.2 \mu\text{m}}{\text{DIVIDED \% of the particles} < 0.2 \mu\text{m} = 8 \text{ to } 19}$ and d) a mean statistical particle diameter of 0.4 - 1.5 μm . These materials can be used in the paper industry both as paper filler and as coating pigment. <IMAGE>

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D21H 17/67; **D21H 19/38**

IPC 8 full level
C01B 32/60 (2017.01); **C01F 11/18** (2006.01); **C08K 3/00** (2006.01); **C08K 3/24** (2006.01); **C08K 3/26** (2006.01); **C09C 1/02** (2006.01); **C09C 3/00** (2006.01); **D21H 17/00** (2006.01); **D21H 17/67** (2006.01); **D21H 19/00** (2006.01); **D21H 19/38** (2006.01); **D21H 21/00** (2006.01)

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US4888141A; EP0894836A1; US5989332A; EP0894833A3

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