

Title (en)
DENSIFIED PARTICULATE/BINDER COMPOSITES

Title (de)
VERDICHTE PARTIKEL/BINDEMittel-VERBUNDWERKSTOFFE

Title (fr)
COMPOSITES DE PARTICULES/LIANT DENSIFIES

Publication
EP 1578552 A4 20061122 (EN)

Application
EP 03799883 A 20031209

Priority
• US 0339287 W 20031209
• US 43235602 P 20021209
• US 47603803 P 20030605

Abstract (en)
[origin: WO2004052974A2] A system and method (Fig.1(a)-(f) to produce high density precision composite devices. A system and method to consolidate a high density composite within details of a mold (110). One method includes creating a densified composite within a mold (110). Another method includes densifying a pre-mixed composite within a mold (110). A very high density precision molded composite is formed.

IPC 8 full level
B22F 3/22 (2006.01); **B22F 1/00** (2006.01); **B22F 3/093** (2006.01); **B22F 5/00** (2006.01); **C22C 32/00** (2006.01); **G21K 1/02** (2006.01)

IPC 8 main group level
C08K (2006.01)

CPC (source: EP US)
B22F 3/22 (2013.01 - EP US); **C22C 32/0094** (2013.01 - EP US); **G21K 1/025** (2013.01 - EP US); **B22F 2998/00** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP US); **B22F 2999/00** (2013.01 - EP US)

Citation (search report)
• [XD] EP 1193721 A2 20020403 - FUJI PHOTO FILM CO LTD [JP]
• [X] US 3950651 A 19760413 - FLOCEE RENE E
• See references of WO 2004052974A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
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