

Title (en)

COMPONENT AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

BAUTEIL UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

COMPOSANT ET SON PROCEDE DE PRODUCTION

Publication

EP 1238001 A1 20020911 (DE)

Application

EP 00991059 A 20001213

Priority

- DE 0004428 W 20001213
- DE 19960551 A 19991215

Abstract (en)

[origin: WO0144359A1] The invention relates to a component (1) which consists at least partially of a material formed from a glass/polymer mixture. Said component comprises first regions, in which the glass is present substantially in the form of spherical particles (2) and second regions, in which the glass is present in the form of fibre-type particles (3). A component of this type advantageously provides both mechanical stability and dimensional consistency in separate areas within the same component. The invention also relates to a method for producing a component of this type.

IPC 1-7

C08K 3/40; C03C 14/00; C08J 3/20; C08K 7/14

IPC 8 full level

B29C 45/00 (2006.01); **C03B 19/10** (2006.01); **C03C 3/16** (2006.01); **C08K 3/40** (2006.01); **C08K 7/14** (2006.01); **C08L 101/00** (2006.01); **B29K 103/04** (2006.01)

CPC (source: EP US)

C03C 3/16 (2013.01 - EP US); **C08K 3/40** (2013.01 - EP US); **C08K 7/14** (2013.01 - EP US); **Y10T 428/252** (2015.01 - EP US)

Citation (search report)

See references of WO 0144359A1

Designated contracting state (EPC)

AT BE CH CY DE DK FR GB IT LI NL

DOCDB simple family (publication)

WO 0144359 A1 20010621; EP 1238001 A1 20020911; JP 2003516878 A 20030520; US 2003149160 A1 20030807; US 6734243 B2 20040511

DOCDB simple family (application)

DE 0004428 W 20001213; EP 00991059 A 20001213; JP 2001544841 A 20001213; US 14990902 A 20021101