

Title (en)  
PLASTIC MOLDED PART AND THE PRODUCTION THEREOF

Title (de)  
KUNSTSTOFFFORMTEILE UND IHRE HERSTELLUNG

Title (fr)  
PIÈCES MOULÉES EN PLASTIQUE ET LEUR PRODUCTION

Publication  
**EP 2142352 A1 20100113 (DE)**

Application  
**EP 08735043 A 20080405**

Priority  
• EP 2008002722 W 20080405  
• DE 102007017978 A 20070405

Abstract (en)  
[origin: WO2008122428A1] The invention relates to a method for the production of plastic molded parts, preferably for kitchen, sanitation, and measuring uses, wherein a preferably plate-shaped molded part is produced from a castable reaction material, the molded part so produced is cured and formed thereafter, wherein the reaction material comprises at least one organic polymer component and at least one inorganic filler material as components, and the filler material comprises an average particle size < 150µm, and the reaction material contains > 50% by weight of the inorganic filler material with respect to the mass of the cured molded part. Moreover, the invention relates to a reaction mass which can be used in a method according to the invention, and plastic molded parts which are or can be produced from such a reaction mass and/or according to such a method.

IPC 8 full level  
**B29C 51/02** (2006.01); **A47B 77/02** (2006.01); **A47K 3/00** (2006.01); **C04B 26/06** (2006.01); **C08F 265/06** (2006.01); **C08K 3/00** (2006.01)

CPC (source: EP US)  
**C04B 26/06** (2013.01 - EP US); **C08F 265/04** (2013.01 - EP US); **C08F 265/06** (2013.01 - EP US); **C08L 51/003** (2013.01 - EP US); **B29C 51/00** (2013.01 - EP US); **B29K 2033/12** (2013.01 - EP US); **B29K 2995/007** (2013.01 - EP US); **B29L 2031/7692** (2013.01 - EP US); **C04B 2103/0065** (2013.01 - EP US); **C08K 3/34** (2013.01 - EP US); **C08L 33/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008122428A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102007017978 A1 20081009**; EP 2142352 A1 20100113; US 2010119798 A1 20100513; WO 2008122428 A1 20081016

DOCDB simple family (application)  
**DE 102007017978 A 20070405**; EP 08735043 A 20080405; EP 2008002722 W 20080405; US 59462008 A 20080405