

Title (en)

METHOD FOR PRODUCING MOULDED BODIES EXHIBITING THERMOREGULATION PROPERTIES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FORMKÖRPERN MIT THERMOREGULATIVEN EIGENSCHAFTEN

Title (fr)

METHODE POUR LA PREPARATION DE CORPS MOULES A PROPRIETES THERMOREGULATIVES

Publication

EP 1658395 B1 20061108 (DE)

Application

EP 04786178 A 20040825

Priority

- DE 2004001893 W 20040825
- DE 10340110 A 20030830

Abstract (en)

[origin: DE102004041684A1] Molded body comprises polymers which form a network produced from the chemical coupling of functional groups, hydrogen bridges or polymeric or oligomeric structures helically combined with each other. Up to 200 wt.% of a phase change material are embedded in the polymeric matrix. An independent claim is also included for a process for the production of the molded body.

IPC 8 full level

D01F 1/10 (2006.01); **D01F 2/00** (2006.01); **D01F 4/00** (2006.01); **D01F 4/04** (2006.01); **D01F 4/06** (2006.01); **D01F 8/02** (2006.01)

CPC (source: EP US)

D01F 1/10 (2013.01 - EP US); **D01F 2/00** (2013.01 - EP US); **D01F 4/00** (2013.01 - EP US); **D01F 4/04** (2013.01 - EP US)

Cited by

WO2011079331A1; US9303335B2; DE102007054702B4; US10323138B2; DE102007054702A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2006279017 A1 20061214; AT E344844 T1 20061115; DE 102004041684 A1 20050317; DE 112004002148 D2 20060713; DE 502004001972 D1 20061221; EP 1658395 A1 20060524; EP 1658395 B1 20061108; PL 1658395 T3 20070430; WO 2005024102 A1 20050317

DOCDB simple family (application)

US 57037406 A 20060228; AT 04786178 T 20040825; DE 102004041684 A 20040825; DE 112004002148 T 20040825; DE 2004001893 W 20040825; DE 502004001972 T 20040825; EP 04786178 A 20040825; PL 04786178 T 20040825