

Title (en)

Matting of low density thermoplastic material and high voids index, and a device and process for its production

Title (de)

Fasermatte mit erhöhtem Hohlraumindex aus thermoplastischen Filamenten niedriger Dichte, Vorrichtung und Verfahren

Title (fr)

Matelas fibreux ayant un indice élevé d'espaces vides, à partir de filaments thermoplastiques de faible densité, installation et procédé de fabrication

Publication

**EP 1160367 A2 20011205 (EN)**

Application

**EP 01201819 A 20010515**

Priority

IT RE20000060 A 20000529

Abstract (en)

Matting of interlaced and entangled filaments of low-density thermoplastic material, the matting having a high voids index and comprising a plurality of hollow protuberances arranged in several parallel rows; at least a part of said protuberances presents at least one open portion, defined by non-interlaced filaments, such as to create a chamber for receiving the material with which the matting is intended to be covered; a plant and process for producing said matting. <IMAGE>

IPC 1-7

**D04H 3/03**; **D04H 3/16**

IPC 8 full level

**D04H 3/03** (2012.01); **D04H 3/07** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP)

**D04H 3/03** (2013.01); **D04H 3/07** (2013.01); **D04H 3/16** (2013.01)

Cited by

IT201800005668A1; WO2010074982A1; WO2012006300A1; US9771675B2; US11773559B2; WO2020064725A1; US11313061B2; US11788221B2; WO2019224763A1; WO2019224761A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1160367 A2 20011205**; **EP 1160367 A3 20021030**; **EP 1160367 B1 20060215**; AT E317923 T1 20060315; DE 60117218 D1 20060420; DE 60117218 T2 20060727; DK 1160367 T3 20060619; ES 2256153 T3 20060716; IT 1319160 B1 20030926; IT RE20000060 A1 20011129; PT 1160367 E 20060531; SI 1160367 T1 20060430

DOCDB simple family (application)

**EP 01201819 A 20010515**; AT 01201819 T 20010515; DE 60117218 T 20010515; DK 01201819 T 20010515; ES 01201819 T 20010515; IT RE20000060 A 20000529; PT 01201819 T 20010515; SI 200130482 T 20010515