

Title (en)
FIBER STRUCTURE, MOLDED BODY AND SOUND-ABSORBING MATERIAL

Title (de)
FASERSTRUKTUR, FORMKÖRPER UND SCHALLDÄMPFENDES MATERIAL

Title (fr)
STRUCTURE FIBREUSE, CORPS MOULÉ ET MATÉRIAU INSONORISANT

Publication
EP 3636819 B1 20221109 (EN)

Application
EP 18813160 A 20180528

Priority
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Abstract (en)
[origin: EP3636819A1] Provided are a fiber structure which has moldability while having heat resistance, a molded body thereof, and a sound-absorbing material which uses the molded body. The fiber structure 12 comprises thermoplastic resin fibers formed from a thermoplastic resin having a glass transition temperature higher than or equal to 80°C, wherein the thermoplastic resin fibers have an average fiber diameter of smaller than or equal to 10 µm, and an elongation at break in at least one of a machine direction and a cross direction of the fiber structure is greater than or equal to 10%. The molded body 10 comprises at least the fiber structure 12 and a support 11. The molded body can cover an object 13 to be covered.

IPC 8 full level
D04H 3/016 (2012.01); **B60R 13/08** (2006.01); **D04H 1/435** (2012.01); **D04H 1/56** (2006.01); **D04H 1/728** (2012.01); **D04H 3/011** (2012.01); **D04H 3/10** (2012.01); **D04H 3/11** (2012.01); **D04H 3/16** (2006.01)

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