

Title (en)

Insulating thermoplastic spacer bar for double-walled construction elements

Title (de)

Abstandshaltender Isolierprofilstab aus thermoplastischem Kunststoff an zweischaligen wärmedämmenden Bauelementen

Title (fr)

Barre isolante d'espacement, fabriquée en matière thermoplastique, pour éléments de construction à double paroi

Publication

EP 0673747 B1 19981223 (DE)

Application

EP 94120988 A 19941231

Priority

DE 4409315 A 19940318

Abstract (en)

[origin: EP0673747A1] The insulating profiled rod as a distance piece between two heat insulation shells, such as for windows and doors and their frames, has a reinforcement of long fibres such as of glass, carbon or metal or mixtures of them, with a fibre length of min 3 mm. The rod is produced by cold jet extrusion, with the fibre reinforcement comprising 10-45 Mass %. The thermoplastics material for the rod has a hardness of Shore D 80, according to DIN 53505, using polyamide, polypropylene or their mixtures, or polyethylene terephthalate or polybutylene terephthalate or their mixtures.

IPC 1-7

B29C 47/00; E06B 3/26

IPC 8 full level

B29C 47/00 (2006.01); **E06B 3/26** (2006.01); **E06B 3/263** (2006.01)

CPC (source: EP)

E06B 3/26303 (2013.01); **E06B 2003/26314** (2013.01); **E06B 2003/2637** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 4409315 A1 19950921; **DE 4409315 C2 19960711**; DE 59407538 D1 19990204; EP 0673747 A1 19950927; EP 0673747 B1 19981223; ES 2126047 T3 19990316

DOCDB simple family (application)

DE 4409315 A 19940318; DE 59407538 T 19941231; EP 94120988 A 19941231; ES 94120988 T 19941231