

Title (en)
Improvements in and relating to synthetic down.

Title (de)
Künstliche Daunen.

Title (fr)
Duvet artificiel.

Publication
EP 0279677 A2 19880824 (EN)

Application
EP 88301381 A 19880218

Priority
• GB 8718330 A 19870803
• GB 8728582 A 19871207
• US 1747287 A 19870220

Abstract (en)
The present invention relates to a method of forming a thermal insulating material which method comprises forming a fibre assemblage from 70 to 95 percent by weight of synthetic polymeric microfibrils having a diameter of from 3 to 12 microns; and from 5 to 30 percent by weight of synthetic polymeric macrofibrils having a diameter not less than 12 microns, shaping the assemblage so formed, and effecting bonding between at least some of the fibres at their contact points such that the density of the resultant structure is within the range 3 to 16 kg/m³, the bonding being effected without significant loss to thermal insulating properties compared with the unbonded assemblage.

IPC 1-7
A41G 11/02

IPC 8 full level
A41G 11/02 (2006.01)

CPC (source: EP)
A41G 11/02 (2013.01)

Cited by
DE102016224251A1; DE102016224251B4; EP0683280A1; EP0571884A1; EP3333295A1; WO2014100178A1; WO2004008897A1; WO2014116439A1; US10266674B2; US10844197B2; US10815592B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0279677 A2 19880824; EP 0279677 A3 19900117; EP 0279677 B1 19930526; CA 1318118 C 19930525; DE 3881230 D1 19930701; DE 3881230 T2 19931007; ES 2040332 T3 19931016

DOCDB simple family (application)
EP 88301381 A 19880218; CA 559456 A 19880222; DE 3881230 T 19880218; ES 88301381 T 19880218