

Title (en)
IMPROVEMENTS RELATING TO BONDED NON-WOVEN POLYESTER FIBER STRUCTURES.

Title (de)
VERBESSERUNGEN ZUM VERBINDEN DES VERBUNDS AUS POLYESTERFASERNVLIES.

Title (fr)
AMELIORATIONS RELATIVES A DES STRUCTURES DE FIBRES DE POLYESTER NON TISSEES COLLEES.

Publication
EP 0538372 B1 19950726 (EN)

Application
EP 91913401 A 19910618

Priority
• US 9104134 W 19910618
• US 54984790 A 19900709

Abstract (en)
[origin: WO9201104A1] A batch process and apparatus are provided for molding fiberballs, comprising load-bearing fibers and binder fibers, into shaped articles, preferably using hot air within a perforated mold to allow circulation of the air through the fiberballs. The techniques are particularly adapted to molding cushions of varying shapes and sizes, without excessive wastage of material, using relatively simple flexible equipment.

IPC 1-7
D04H 1/00

IPC 8 full level
B68G 3/00 (2006.01); **A47G 9/00** (2006.01); **B68G 1/00** (2006.01); **D04H 1/00** (2006.01); **D04H 1/54** (2012.01); **D06M 15/507** (2006.01)

CPC (source: EP KR)
A47G 9/00 (2013.01 - EP); **B68G 1/00** (2013.01 - EP); **D04H 1/00** (2013.01 - KR); **D04H 1/54** (2013.01 - EP); **D04H 1/558** (2013.01 - EP); **D06M 15/507** (2013.01 - EP)

Cited by
US5454992A; US5942175A; EP3245053A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
WO 9201104 A1 19920123; AU 8283691 A 19920204; CA 2086840 A1 19920110; CA 2086840 C 20010116; DE 69111608 D1 19950831; DE 69111608 T2 19960321; EP 0538372 A1 19930428; EP 0538372 B1 19950726; ES 2076539 T3 19951101; IE 912262 A1 19920115; JP 3012327 B2 20000221; JP H05508198 A 19931118; KR 0158667 B1 19981201; KR 930701649 A 19930612; MX 9100124 A 19920228

DOCDB simple family (application)
US 9104134 W 19910618; AU 8283691 A 19910618; CA 2086840 A 19910618; DE 69111608 T 19910618; EP 91913401 A 19910618; ES 91913401 T 19910618; IE 226291 A 19910628; JP 51260491 A 19910618; KR 930700043 A 19930108; MX 9100124 A 19910708