

Title (en)

FILAMENTARY FASTENER AND METHOD OF MAKING SAME USING INSERT MOLDING

Title (de)

FADENFÖRMIGES BEFESTIGUNGSMATERIAL UND VERFAHREN ZU SEINER HERSTELLUNG DURCH EINSATZFORMEN

Title (fr)

DISPOSITIF D'ATTACHE EN FORME DE FIL ET SON PROCEDE DE FABRICATION A L'AIDE DU MOULAGE PAR INSERTION

Publication

EP 1009602 A1 20000621 (EN)

Application

EP 98923696 A 19980522

Priority

- US 9810538 W 19980522
- US 86520897 A 19970529

Abstract (en)

[origin: WO9853967A1] Filamentary fastener (11) and method of making the same. According to one embodiment, the method comprises the steps of (a) providing a length of stretched flexible filamentary material (13), (b) insert molding a cross-bar (15) onto the length of stretched flexible filamentary material (13), (c) insert molding a paddle (17) onto the length of stretched flexible filamentary material (13), the paddle (17) being spaced apart from the cross-bar (15), and (d) removing any stretched flexible filamentary material not located between the paddle (17) and the cross-bar (15) and the paddle (17) may or may not be made of the same material as the stretched flexible filamentary material (13). Preferably, the stretched flexible filamentary material (13) is made of a plastic, such as propylene, nylon, urethane and combinations thereof.

IPC 1-7

B28B 5/00; **B29B 11/00**; **G09F 3/00**

IPC 8 full level

B29C 33/00 (2006.01); **B29C 45/14** (2006.01); **B65C 7/00** (2006.01); **G09F 3/14** (2006.01)

CPC (source: EP)

B29C 33/0022 (2013.01); **B29C 45/14565** (2013.01); **B65C 7/003** (2013.01); **G09F 3/14** (2013.01); **B29L 2031/727** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9853967 A1 19981203; AU 7592598 A 19981230; EP 1009602 A1 20000621; EP 1009602 A4 20021106

DOCDB simple family (application)

US 9810538 W 19980522; AU 7592598 A 19980522; EP 98923696 A 19980522