

Title (en)
WEATHER STRIP AND METHOD OF MANUFACTURING SAME

Title (de)
DICHTRAHMEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
BANDE D'ETANCHEITE ET SON PROCEDE DE FABRICATION

Publication
EP 1560690 A4 20060405 (EN)

Application
EP 03776544 A 20031024

Priority
• US 0333896 W 20031024
• US 42267102 P 20021031

Abstract (en)
[origin: WO2004041497A2] A method of manufacturing a weather strip 10 includes forming a compressible bulb member 12 having a hollow interior 14. A liquid thermoplastic material 34, such as a hot melt material, is injected into the hollow interior 14. The thermoplastic material 34 cures into a resilient plug 40 to provide reinforcement to one or more locations along the length of the weather strip 10.

IPC 8 full level
B29C 70/74 (2006.01); **B29C 39/10** (2006.01); **B60J 10/00** (2006.01); **B60J 10/08** (2006.01); **B29C 53/08** (2006.01)

CPC (source: EP)
B29C 39/10 (2013.01); **B29C 70/745** (2013.01); **B60J 10/21** (2016.02); **B60J 10/24** (2016.02); **B60J 10/244** (2016.02); **B60J 10/80** (2016.02); **B29C 53/083** (2013.01); **B29K 2105/0097** (2013.01); **B29L 2023/00** (2013.01); **B29L 2023/004** (2013.01); **B29L 2031/26** (2013.01)

Citation (search report)
• [XY] US 3159886 A 19641208 - LYNCH WILLIAM R
• [XY] GB 1559251 A 19800116 - PIRELLI
• [XY] PATENT ABSTRACTS OF JAPAN vol. 014, no. 023 (M - 920) 17 January 1990 (1990-01-17)
• [Y] PATENT ABSTRACTS OF JAPAN vol. 017, no. 106 (M - 1375) 4 March 1993 (1993-03-04)
• [Y] PATENT ABSTRACTS OF JAPAN vol. 008, no. 174 (M - 316) 10 August 1984 (1984-08-10)
• [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 249 (M - 338) 15 November 1984 (1984-11-15)
• [A] "VOM KLEB- UND DICHTSTOFF ZUM FORMTEIL", ADHASION KLEBEN UND DICHTEN, GWV FACHVERLAG GMBH, WIESBADEN, DE, vol. 37, no. 11, 1 November 1993 (1993-11-01), pages 35 - 37, XP000404103, ISSN: 0943-1454
• [A] N.N.: "HAMBURG GENERAL TRADING, EPDM", N.N., 16 May 2001 (2001-05-16), XP002241022
• See references of WO 2004041497A2

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
WO 2004041497 A2 20040521; WO 2004041497 A3 20040805; AU 2003284155 A1 20040607; AU 2003284155 A8 20040607; CA 2499444 A1 20040521; EP 1560690 A2 20050810; EP 1560690 A4 20060405; MX PA05004042 A 20050608

DOCDB simple family (application)
US 0333896 W 20031024; AU 2003284155 A 20031024; CA 2499444 A 20031024; EP 03776544 A 20031024; MX PA05004042 A 20031024