

Title (en)

Production of a sealing tape made of soft foam

Title (de)

Herstellung eines Dichtbandes aus weichem Schaumstoff

Title (fr)

Production d'une bande d'étanchéité en mousse souple

Publication

EP 2107176 A1 20091007 (DE)

Application

EP 08006368 A 20080331

Priority

EP 08006368 A 20080331

Abstract (en)

The method involves providing a web of soft, open-cell foam (4), and impregnating the foam to delay recovery of the foam after compression and subsequent release. A loans web is rolled up onto a wide roll, and the wide roll is cut into narrow sealing strip rolls, and each sealing strip roll is unwound. A thin, closed layer (8) of a flexible or film-like material is applied and bonded to a side surface of the foam. The foam provided with the thin closed layer is rolled up into a sealing strip roll (2) in which the foam is present in a partially compressed state. An independent claim is also included for a sealing strip roll with a partially compressed, open- cell, sod foam which undergoes delayed recovery after compression and subsequent release.

Abstract (de)

Die Dichtbandrolle weist einen teilkomprimierten offenzelligen weichen Schaumstoff (4) auf, der nach Komprimierung bei Freigabe eine verzögerte Rückstellung vollzieht. Auf mindestens einer Seitenfläche des Schaumstoffs (4) ist eine dünne geschlossene Schicht (8) aus einem flexiblen oder folienartigen Material mit einer Dicke von 0,002 mm bis 0,5 mm durchgängig auf dem Schaumstoff (4) verhaftet.

IPC 8 full level

E04B 1/68 (2006.01)

CPC (source: EP US)

E04B 1/68 (2013.01 - US); **E04B 1/6812** (2013.01 - EP); **Y10T 156/1052** (2015.01 - EP US); **Y10T 156/1056** (2015.01 - EP US); **Y10T 156/1057** (2015.01 - EP US); **Y10T 156/1062** (2015.01 - EP US); **Y10T 156/1084** (2015.01 - EP US)

Citation (applicant)

- DE 19641415 C2 19990902 - HANNO WERK GMBH & CO KG [DE]
- DE 2457322 A1 19760610 - KRUEPPER GUENTHER
- DE 2410121 A1 19750918 - IRBIT HOLDING AG
- WO 2005118970 A1 20051215 - ISO CHEMIE GMBH [DE], et al
- EP 1473419 A2 20041103 - ISO CHEMIE GMBH [DE]
- US 4401716 A 19830830 - TSCHUDIN-MAHRER ROLF [CH]
- DE 4020230 A1 19910103 - HIENDL HERIBERT [DE]

Citation (search report)

- [XY] DE 2410121 A1 19750918 - IRBIT HOLDING AG
- [X] US 4401716 A 19830830 - TSCHUDIN-MAHRER ROLF [CH]
- [XY] WO 2005118970 A1 20051215 - ISO CHEMIE GMBH [DE], et al
- [X] EP 1473419 A2 20041103 - ISO CHEMIE GMBH [DE]
- [Y] DD 139362 A1 19791227 - PAPE DIETER, et al
- [DY] DE 2457322 A1 19760610 - KRUEPPER GUENTHER
- [Y] DE 4020230 A1 19910103 - HIENDL HERIBERT [DE]

Cited by

EP3404156B1; DE102010055788A1; EP3825484A1; EP3372741A1; EP4089245A1; EP2554773A3; DE102019127665A1; US11773639B2; US9732853B2; EP3878619A1; US11014345B2; EP3851625A1; EP4008871A1; WO2012004278A1; EP3839187A1; EP2654640A1; WO2021073906A1; EP3489293A1; EP3346068A1; WO2018127381A1; EP3470610A1; EP3540167A1; EP2852713B1; EP2990552B1; EP3567176B1; EP2655775B2; EP2851478B1; EP3260617B1; EP3058159B1; EP2990551B1; EP3603941B1; EP3567174B1; EP3567177B1; EP3567175B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2107176 A1 20091007; **EP 2107176 B1 20150930**; DK 2107176 T3 20160111; PL 2107176 T3 20160331; US 2009246498 A1 20091001; US 8075724 B2 20111213

DOCDB simple family (application)

EP 08006368 A 20080331; DK 08006368 T 20080331; PL 08006368 T 20080331; US 41566809 A 20090331