

Title (en)

Seal for opening section and opening section provided with such a seal.

Title (de)

Dichtung für Öffnungsflügel, und mit einer solchen Dichtung ausgestatteter Öffnungsflügel

Title (fr)

Joint pour ouvrant et ouvrant equipe d'un tel joint.

Publication

EP 2481875 A1 20120801 (FR)

Application

EP 12150682 A 20120110

Priority

FR 1150786 A 20110201

Abstract (en)

The seal (5) has sealing rings (7, 8) comprising hinge portions (10, 17, 18) extending along longitudinal direction (Z) in vicinity of support portions (6, 22, 25) and main portions (9, 15, 16, 19), which extend along the longitudinal direction. The main portions are connected to the support portions via the hinge portions. The hinge portions have bending flexibility higher than that of the main portions. The hinge portions has gutter-shaped parts (11) having concave and convex faces. The gutter-shaped parts include a section whose shape is selected from circular arc and/or spiral. An independent claim is also included for an opening section comprising a rib having bending lines.

Abstract (fr)

Joint polymère souple comportant une portion de support (6) et une lèvre (7, 8) reliée à la portion de support (6) cette lèvre comportant au moins une portion formant charnière (10 ; 17, 18) au voisinage de la portion de support (6) et une portion principale (9) qui est reliée à la portion de support par l'intermédiaire de la portion formant charnière, la portion formant charnière présentant une souplesse en flexion supérieure à la portion principale de la lèvre.

IPC 8 full level

E06B 7/23 (2006.01); **F16J 15/10** (2006.01)

CPC (source: EP)

E06B 7/23 (2013.01); **E06B 7/2312** (2013.01)

Citation (applicant)

DE 29808406 U1 19981022 - CEFO ELASTIC PROFIL GMBH [DE]

Citation (search report)

- [XDY] DE 29808406 U1 19981022 - CEFO ELASTIC PROFIL GMBH [DE]
- [YA] FR 2429316 A1 19800118 - MARANTIER BERNARD [FR]
- [YA] WO 03078780 A1 20030925 - DORMA GMBH & CO KG [DE], et al
- [YA] FR 2799495 A1 20010413 - SORLIN BERNARD [FR]
- [YA] NL 1016562 C2 20020514 - ALPROKON PROMOTIE ONTWIKK BV [NL]
- [YA] DE 3107810 A1 19820916 - NAHR HELMAR
- [A] EP 1798363 A2 20070620 - HYDRO BUILDING SYSTEMS S P A [IT]

Cited by

EP3034771A1; EP2915946A1; GB2621972A; EP3299571A3

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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