

Title (en)
DOOR SEAL WITH TWO SEALING PLANES

Title (de)
TÜRDICHTUNG MIT ZWEI DICHTUNGSEBENEN

Title (fr)
JOINT DE PORTE COMPRENANT DEUX PLANS D'ÉTANCHÉITÉ

Publication
EP 2895676 B1 20191113 (DE)

Application
EP 13756064 A 20130823

Priority
• DE 202012008018 U 20120823
• EP 2013067556 W 20130823

Abstract (en)
[origin: WO2014029877A1] The door seal comprises a fixing element (20) for fixing to a door, a seal receiving element (40), a lowering mechanical unit (20) for lifting and lowering the seal receiving element (40) relative to the fixing element (20), and a sealing element (50) fixed to the seal receiving element (40). The sealing element (50) provides a first sealing line (54a) by means of a first sealing element portion (54) which can be lifted or lowered by means of the lowering mechanical unit, and the first sealing element portion (54) is a sealing lip and/or a sealing arc. The sealing element (50) provides a second sealing line (55a) by means of a second sealing element portion (55), said second sealing line running parallel to the first sealing line (54a). The second sealing element portion (55) has a first and a second side (52, 56), said first side (52) can be lifted and lowered by means of the lowering mechanical unit and said second side (56) is fixed in its position relative to the fixing element (20). In the lowered state, the first and the second sealing line (54a, 55a) seal against a surface which can be found outside of the door seal. Said seal allows a sufficient sealing of the gap between frames and doors when the seal is lowered even during a horizontal movement.

IPC 8 full level
E06B 7/18 (2006.01)

CPC (source: EP US)
E06B 7/18 (2013.01 - EP US); **E06B 7/21** (2013.01 - US); **E06B 7/2305** (2013.01 - US)

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

DOCDB simple family (publication)
WO 2014029877 A1 20140227; AU 2013304980 A1 20150305; AU 2013304980 B2 20161027; CN 104736790 A 20150624; CN 104736790 B 20170510; EP 2895676 A1 20150722; EP 2895676 B1 20191113; JP 2015531036 A 20151029; JP 6420241 B2 20181107; SG 11201501045P A 20150528; US 10196854 B2 20190205; US 2015240555 A1 20150827

DOCDB simple family (application)
EP 2013067556 W 20130823; AU 2013304980 A 20130823; CN 201380044461 A 20130823; EP 13756064 A 20130823; JP 2015527933 A 20130823; SG 11201501045P A 20130823; US 201314423236 A 20130823