

Title (en)

SEAL DEVICE FOR A NEGATIVE PRESSURE CALIBRATING UNIT IN AN EXTRUSION LINE

Title (de)

DICHTUNGSVORRICHTUNG FÜR EINE UNTERDRUCK-KALIBRIEREINHEIT IN EINER EXTRUSIONSLINIE

Title (fr)

DISPOSITIF D'ÉTANCHÉITÉ POUR UNE UNITÉ DE CALIBRAGE SOUS VIDE DANS UNE LIGNE D'EXTRUSION

Publication

**EP 3423253 A1 20190109 (DE)**

Application

**EP 17704383 A 20170113**

Priority

- DE 102016103947 A 20160304
- DE 2017100019 W 20170113

Abstract (en)

[origin: WO2017148462A1] The invention relates to a seal device for a negative pressure calibrating unit in an extrusion line for producing profiled plastic sections, in particular pipes. The inner face of a seal rests against the circumference of the extruded profiled section in a formfitting manner, and the seal is radially supported on the profiled section in order to apply a sealing force. The aim of the invention is to provide another similar device which is very easily constructed and can be produced inexpensively. This is achieved in that the seal is a porous and elastic foam body (13), the surfaces (17, 19) of which that are exposed to the atmosphere are coated with an air-tight coating (21).

IPC 8 full level

**B29C 48/09** (2019.01); **B29C 48/90** (2019.01); **F16J 15/16** (2006.01)

CPC (source: EP US)

**B29C 48/09** (2019.01 - EP US); **B29C 48/254** (2019.01 - EP US); **B29C 48/503** (2019.01 - EP US); **B29C 48/903** (2019.01 - EP US); **B29C 48/905** (2019.01 - EP US); **F16J 15/164** (2013.01 - EP US); **F16J 15/168** (2013.01 - EP US)

Citation (search report)

See references of WO 2017148462A1

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)

**DE 102016103947 B3 20161229**; CN 109070423 A 20181221; EP 3423253 A1 20190109; US 2019063611 A1 20190228; WO 2017148462 A1 20170908

DOCDB simple family (application)

**DE 102016103947 A 20160304**; CN 201780015174 A 20170113; DE 2017100019 W 20170113; EP 17704383 A 20170113; US 201716078191 A 20170113