

Title (en)

BACK-PRESSURE VALVE IN PARTICULAR FOR PIPELINES, FOR ENSURING THE ONE-WAY FLOW OF THE STREAMING MEDIUM.

Title (de)

GEGENDRUCKVENTIL, INSBESONDERE FÜR ROHRLEITUNGEN, ZUR SICHERUNG DES FLUSSES EINES STRÖMENDEN MEDIUMS IN EINE RICHTUNG.

Title (fr)

VANNE DE CONTRE-PRESSION NOTAMMENT POUR PIPELINES, PERMETTANT D'ASSURER L'ÉCOULEMENT EN SENS UNIQUE D'UN FLUIDE EN ÉCOULEMENT.

Publication

**EP 0076297 A4 19830809 (EN)**

Application

**EP 82901148 A 19820416**

Priority

HU 100481 A 19810417

Abstract (en)

[origin: WO8203673A1] The back-pressure valve - serving mainly for ensuring the one-way flow of media streaming in pipelines - is provided with an axially displaceable closing head having been arranged in the streaming medium. The closing head being formed with a surface following the stream lines of the streaming medium is guided on the guide pin of the bearing element fixed in the streaming medium by means of the ribs promoting the flow of the medium. The inner surface of the house and the bearing element and the outer surface of the ribs and the closing head are formed in such a manner that in downstream, in an open position the flowcross-section should be constant or decreasing between the closing diameter and the end of the closing head profile surrounded by the streaming medium.

IPC 1-7

**F16K 15/06**

IPC 8 full level

**F16K 15/06** (2006.01)

CPC (source: EP US)

**F16K 15/06** (2013.01 - EP); **F16K 15/063** (2013.01 - EP US)

Citation (search report)

- FR 2425591 A1 19791207 - OCEAN BV [NL]
- FR 664139 A 19290829
- GB 976940 A 19641202 - KONINK MACHINENFABRIEK GEBO ST
- US 3776250 A 19731204 - KNOX L
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Designated contracting state (EPC)

CH DE FR GB LI SE

DOCDB simple family (publication)

**WO 8203673 A1 19821028**; AU 8335782 A 19821104; DE 76297 T1 19830901; EP 0076297 A1 19830413; EP 0076297 A4 19830809; HU 184425 B 19840828; JP S58500535 A 19830407

DOCDB simple family (application)

**HU 8200016 W 19820416**; AU 8335782 A 19820416; DE 82901148 T 19820416; EP 82901148 A 19820416; HU 100481 A 19810417; JP 50126282 A 19820416