

Title (en)

VACUUM RESISTANT PRESSURE VALVE FOR PACKAGING CONTAINERS

Title (de)

VAKUUMFESTES ÜBERDRUCKVENTIL FÜR VERPACKUNGSBEHÄLTER

Title (fr)

SOUPAPE DE SURPRESSION RÉSISTANTE AU VIDE POUR RÉCIPIENTS D'EMBALLAGE

Publication

EP 3686124 B1 20211124 (DE)

Application

EP 19197908 A 20190918

Priority

DE 102019200867 A 20190124

Abstract (en)

[origin: US2020239213A1] A pressure relief valve (1) comprises a main body (2), at least one through opening (51), which extends through the main body (2), a diaphragm (6), which is arranged over the at least one through opening (51), and a fluid (8), which is provided on the main body (2), the fluid (8) being arranged between the diaphragm (6) and the main body (2), the main body (2) having a first sealing region (21), a second sealing region (22) radially outside the first region, and a third sealing region (23) radially outside the second region, the regions being respectively formed as continuously closed, the at least one through opening (51) being arranged between the first sealing region (21) and the second sealing region (22), and the diaphragm (6) covering the first sealing region (21), the second sealing region (22) and the third sealing region (23).

IPC 8 full level

B65D 77/22 (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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