

Title (en)

RECTANGULAR SEAL FOR SEALING A FEED-THROUGH, IN PARTICULAR FOR FLUIDS

Title (de)

RECHTECKDICHTUNG ZUR ABDICHTUNG EINER DURCHFÜHRUNG, INSBESONDERE FÜR FLUIDE

Title (fr)

JOINT D'ÉTANCHÉITÉ RECTANGULAIRE SERVANT À RENDRE ÉTANCHE UN PASSAGE, DESTINÉ EN PARTICULIER À DES FLUIDES

Publication

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Application

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Abstract (en)

[origin: WO2016020058A1] The invention relates to a rectangular seal for sealing a feed-through, in particular for a fluid or a gas, which rectangular seal comprises a sealing body (2), an outer lateral surface (3), two flank surfaces (4a, 4b), and an inner lateral surface (7). According to the invention, the rectangular seal (1) has at least one insertion element (5a; 5b; 25a; 25b), which is provided in a flank surface (4a; 4b) and, proceeding from said flank surface, transitions into the associated lateral surface (3; 7) and which extends peripherally at least along a part of the periphery of the sealing body (2).

IPC 8 full level

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Citation (search report)

See references of WO 2016020058A1

Citation (examination)

- DE 19611673 A1 19971002 - ORENSTEIN & KOPPEL AG [DE]
- US 5738358 A 19980414 - KALSI MANMOHAN S [US], et al
- CH 501858 A 19710115 - BBC BROWN BOVERI & CIE [CH]
- US 2008008591 A1 20080110 - KRAUSE THORSTEN [DE]

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