

Title (en)

ASSEMBLY OF A FILTER PLATE FOR A FILTER PRESS AND OF A SEALING DEVICE, AND FILTER PLATE

Title (de)

ANORDNUNG EINER FILTERPLATTE FÜR EINE FILTERPRESSE UND EINER DICHT EINRICHTUNG SOWIE FILTERPLATTE

Title (fr)

AGENCEMENT D'UNE PLAQUE FILTRANTE POUR UN FILTRE-PRESSE ET D'UN ÉQUIPEMENT ÉTANCHE ET PLAQUE FILTRANTE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019149844A1] The invention relates to an assembly of a filter plate (1) for a filter press and of a sealing device. The filter plate (1) has a contact surface (5) for coming into contact with another filter plate, said surface extending parallel to a plane (x, y) formed by the filter plate (1), and has at least one channel opening (3) for forming a channel. The channel opening (3) passes through the filter plate (1) perpendicular to the plane (x, y) formed by the filter plate (1). In addition, the opening is delimited by a channel surface (4) of the filter plate (1). In the assembly according to the invention, the filter plate (1), at the transition from the channel surface (4) to the contact surface (5), has an annular recess (8) with a first annular boundary surface (9). In addition, the sealing device has an elastic ring seal (6) and a clamping ring (7), wherein the elastic ring seal (6) has a second annular boundary surface (13) which corresponds to the first annular boundary surface (9), and the clamping ring (7) is designed such that it can be inserted into the annular recess (8) so that the elastic ring seal (6) is clamped between the clamping ring (7) and the first annular boundary surface (9) of the filter plate (1).

IPC 8 full level

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