

Title (en)
FILTER PRESS

Title (de)
FILTERPRESSE

Title (fr)
FILTRE-PRESSE

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Application
EP 01998387 A 20011119

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Abstract (en)
[origin: WO0243830A1] A filter press (1) for the filtration of suspensions, comprises a stack of plate-like filter elements (5) which may be pressed against each other in a sealing manner in a parallel horizontal arrangement when in a filtering position. The filter elements (5) thus enclose a filter chamber in pairs, defined on at least one side by a filtering medium. Furthermore, the filter elements (5) may be transferred to an emptying position, in which the neighbouring filter elements (5) have a separation from each other, permitting a removal of the filter cake from the filter chamber. According to the invention, in order to reduce the height of construction of said filter press (1), or with unchanged height, to increase the filter area, the filter elements (5) are inclined in alternate directions relative to each other in the emptying position, such that the separation between neighbouring filter elements (5) is increased in the direction for emptying of the filter cake.

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