

Title (en)
REFINER PLATE SEGMENT

Title (de)
MAHLGARNITURSEGMENT

Title (fr)
SEGMENT DE GARNITURE DE RAFFINAGE

Publication
EP 4217536 A1 20230802 (DE)

Application
EP 21777713 A 20210915

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Abstract (en)
[origin: WO2022063643A1] The invention relates to a plate segment (2) for refining aqueously suspended fibrous material (1) in a refining gap (3) delimited by two treatment surfaces which rotate relative to one another and are formed by plate segments (2). The plate segment consists of a main body (4) having elongate treatment elements (5) facing the refining gap (3) and grooves (6) running between the treatment elements, wherein a plurality of channels (8) are arranged in the base body (4). In order to improve the efficiency and service life of the plate segments, the channels (8) are closed at least at one end and/or filled with a porous or abrasion-sensitive material to at least some extent.

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