

Title (en)  
REFINER PLATE SEGMENT

Title (de)  
MAHLGARNITURSEGMENT

Title (fr)  
SEGMENT D'ENSEMBLE DE RAFFINAGE

Publication  
**EP 3927883 A1 20211229 (DE)**

Application  
**EP 19832052 A 20191217**

Priority  
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Abstract (en)  
[origin: CA3128925A1] 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), which has elongate treatment elements (5), which face the refining gap (3) and run radially at least with one directional component, and which has grooves (6) running between the treatment elements (5). The invention aims to extend the service life of the plate segments by arranging in the main body (4) a plurality of channels (8), which run radially at least with one directional component and run parallel to the refining gap (3) and have different distances from the refining gap (3), the channels at least partially overlapping with one another or with the groove base in the direction of rotation (11).

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