

Title (en)  
HORIZONTAL AGITATOR

Title (de)  
HORIZONTALRÜHRWERK

Title (fr)  
AGITATEUR HORIZONTAL

Publication  
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Application  
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Abstract (en)  
[origin: CA2867692A1] The invention relates to a horizontal agitator for producing a flow in a clarifier, a propeller (1) being connected to a submersible motor (3) which is axially off-set in relation thereto and the propeller (1) and the submersible motor (3) being designed such that a flow in a direction from the propeller (1) towards the submersible motor (3) is produced when the submersible motor (3) is operated. Plate-shaped flow guide elements (7) are provided downstream of the propeller (1) and extend in an axial plane that runs substantially parallel to the propeller axis. In order to improve the efficiency of the horizontal agitator, the submersible motor (3) is supported on the bottom (B) of the clarifier via at least two first flow guide elements (5).

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