

Title (en)
DEVICE FOR CIRCULATING A LIQUID RECEIVED IN A CONTAINER

Title (de)
VORRICHTUNG ZUM UMWÄLZEN EINER IN EINEM BEHÄLTER AUFGENOMMENEN FLÜSSIGKEIT

Title (fr)
DISPOSITIF POUR FAIRE CIRCULER UN LIQUIDE REÇU DANS UN RÉCIPIENT

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Abstract (en)
[origin: TW201521861A] The invention relates to a device for circulating a liquid received in a container, particularly for circulating wastewater received in a basin, having a stirring body (1) formed like a hyperboloid or a truncated cone and being attached to a vertical shaft, wherein on an outside (A) of the stirring body (1), there are provided several transportation ribs (T1...T8) extending from the circumferential edge (UR) in the direction of the shaft, wherein a centerline (M1...M8) between two adjacent transportation ribs (T1...T8) is defined by points of the same minimal distance to each crestline (K1...K8) of the two adjacent transportation ribs (T1...T8), wherein a breakthrough (D1...D8) is provided in the stirring body (1) between the two transportation ribs (T1...T8), and wherein a breakthrough area limited by the edge of the breakthrough (D1...D8) has a geometrical center of gravity (S1...S8). For improving the efficiency of the device, it is proposed by the invention that the geometrical center of gravity (S1...S8) of the breakthrough area is located in a region between the centerline (M1...M8) and the crestline (K1...K8) of the two transportation ribs (T1...T8).

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