

Title (en)
MIXING DEVICE WITH CLOSURE ELEMENT

Title (de)
MISCHVORRICHTUNG MIT VERSCHLUSSELEMENT

Title (fr)
DISPOSITIF DE MÉLANGE COMPORTANT UN ÉLÉMENT DE FERMETURE

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Application
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Abstract (en)
[origin: WO2019175048A1] The invention relates to a mixing device with a container (1) which can be rotated about a container axis for receiving mixing material and the base of which is equipped with an emptying opening (7), a rotatable mixing tool which is arranged in the interior of the container, and a closure element (13) for closing the emptying opening (7). The closure element can be pivoted about a pivot axis (14) in order to open and close the emptying opening (7), and the closure element has an inner surface which is arranged within the container when the emptying opening (7) is closed, an outer surface which is arranged outside of the container when the emptying opening (7) is closed, and an edge surface which is arranged opposite an edge surface of the emptying opening (7) when the emptying opening (7) is closed. The aim of the invention is to provide a mixing device of the aforementioned type which allows a transfer of the mixing material via a comparably small cross-section. According to the invention, this is achieved in that the closure element, the emptying opening (7), and the pivot axis are designed and arranged such that a point on the inner surface or the edge surface of the closure element, said point being arranged farthest away from the pivot axis, defines a circle during the pivoting movement, wherein the closure element is arranged within the circle, and the edge surfaces of the emptying opening (7) are arranged outside of the circle.

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