

Title (en)
SPRAY MIXER FOR MIXING AT LEAST TWO FLOWING COMPONENTS

Title (de)
SPRÜHMISCHER ZUM MISCHEN UND SPRÜHEN VON MINDESTENS ZWEI FLIESSFÄHIGEN KOMPONENTEN

Title (fr)
MÉLANGEUR DE PULVÉRISATION DESTINÉ AU MÉLANGE ET À LA PULVÉRISATION D'AU MOINS DEUX COMPOSANTS POUVANT S'ÉCOULER

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Application
EP 13718566 A 20130422

Priority
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Abstract (en)
[origin: WO2013171030A1] The invention relates to a spray mixer for mixing and spraying at least two flowable components. The spray mixer (22) is provided with a tubular outer mixer housing (23) which extends in the direction of a mixer longitudinal axis (24) from a mixer start (25) to a distal mixer end (26). A mixer inner housing (29) which accommodates a mixer element (33) is arranged in the mixer outer housing (23). A mixer compressed air inlet (31) is arranged at the mixer start (25). The mixer compressed air inlet (31) is connected by means of a mixer compressed air channel (30) to an annular mixer compressed air outlet (32) which encloses a mixer outlet opening (35). In the operation of the spray mixer (22), compressed air is supplied via the mixer compressed air inlet (31), flows through the mixer compressed air channel (30) to the mixer compressed air outlet (32) and atomises and sprays the material emerging from the mixer outlet opening (35). In order for the spray mixer to be easy to handle, the mixer outer housing (23), the mixer inner housing (29) and the mixer element (33) are combined in a single unit. This is achieved by connecting the indicated components to each other in a manner to secure against loss.

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See references of WO 2013171030A1

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