Title (en)

MIXING DEVICE FOR MIXING AGGLOMERATING POWDER IN A SUSPENSION

Title (de)

MISCHEINRICHTUNG ZUM MISCHEN VON AGGLOMERIERENDEM PULVER IN EINER SUSPENSION

Title (fr)

DISPOSITIF DE MÉLANGE POUR MÉLANGER DE LA POUDRE AGGLOMÉRANTE DANS UNE SUSPENSION

Publication

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Application

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Abstract (en)

[origin: CA2848769A1] The invention relates to a mixing device for mixing agglomerating powder (21) into a suspension consisting of a carrier fluid and particles suspended in said carrier fluid, comprising a nozzle (4) for generating a suspension jet (20), a feeding device (12, 13) for introducing the powder (21) into the suspension jet (20), a mixing chamber (7) which is designed to mix the particles with the powder (21) such that the powder (21) adheres to the particles, and a diffuser (16) for stabilizing the suspension such that the particles in the suspension form agglomerates (22), said particles being attached by means of the powder (21).

IPC 8 full level

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