

Title (en)

Method and apparatus for continuously mixing a liquid and powder.

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Mischen von Flüssigkeiten mit Pulvern.

Title (fr)

Procédé et dispositif de mélange continu d'un liquide avec une poudre.

Publication

EP 0048312 A1 19820331 (EN)

Application

EP 80850136 A 19800919

Priority

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Abstract (en)

A method and apparatus for continuously mixing a liquid and a powder to form a substantially homogenous mixture. The liquid and powder are fed, via separate lines (22,21) to a cavity (7) in a rotating wheel (3,4) and to powder-accommodating spaces (13) respectively in said rotating wheel (34) and are thrown therefrom by centrifugal force outwardly towards the periphery of the wheel. The liquid is pressed from the cavity (7) via a gap (8,9) arranged in the wheel in a direction towards the upper side of said wheel and forms a mist curtain as it exits from the gap. The mist curtain captures the powder particles thrown by centrifugal force from the powder-accommodating spaces (13) and is mixed with said particles.

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Citation (search report)

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