

Title (en)
METHOD AND DEVICE FOR MOISTENING POURABLE SOLIDS

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Application
EP 84111857 A 19841004

Priority
DE 3336665 A 19831008

Abstract (en)
[origin: US4670302A] Method and apparatus for wetting pourable solid matter. A preferred apparatus includes a tank (31) for accepting the solid matter, a mixing mechanism (32) for moving and breaking up the solid matter within the tank (31), at least one apparatus (5) for spraying the liquid substance supplied from a reservoir (11) into the tank, and an apparatus (2) for continuously feeding solid matter into the tank (31), characterized by the fact that the apparatus for spraying in the liquid substance includes at least one spraying nozzle (5) with an unchangeable (fixed) outlet opening (178) and a closure member (15, 16) that is to be opened (for aerating) and closed continuously, in a controllable sequence, that is connected to a feed line (9) that is under almost uniform pressure, and that is to be opened intermittently, for example electropneumatically, by control signals furnished from the apparatus (2) for supplying the solid matter.

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