

Title (en)
DEVICE FOR DISPERSING WATER-SOLUBLE POLYMERS

Title (de)
VORRICHTUNG ZUM DISPERGIEREN VON WASSERLÖSLICHEN POLYMEREN

Title (fr)
DISPOSITIF DE DISPERSION DE POLYMERES HYDROSOLUBLES

Publication
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Application
EP 22207942 A 20221117

Priority
FR 2112673 A 20211129

Abstract (en)
[origin: CA3181976A1] A device for dispersing a water-soluble polymer in powder form having a standard particle size of less than 1 mm, comprising: - a wetting chamber (1), - a chamber (8) for grinding and discharging the dispersed polymer with a horizontal axis of revolution, - a means (2) for connecting the wetting chamber (1) to the grinding chamber (8) in the form of an L-shaped tube, characterized in that the upper and lower parts of the wetting chamber (1) and the L-shaped tube (2) have an internal surface with an identical surface tension (TS1), and in that the cover (5) of the wetting chamber (1) has an internal surface with a surface tension (TS2) higher than (TS 1).

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