

Title (en)

MIXING AND FEEDING DEVICE USING COMPRESSED AIR

Publication

EP 0367912 B1 19930728 (DE)

Application

EP 89114335 A 19890803

Priority

DE 3836930 A 19881029

Abstract (en)

[origin: EP0367912A1] The device which is suitable in particular for the mixing and feeding of thick materials having a low water content incorporates a mixing vessel (24) which is connected to a delivery line, contains a stirring apparatus and to which compressed air can be admitted, a driving motor (20), a compressor (21) driven by the driving motor and intended for the generation of the compressed air, at least one hydraulic pump (10, 15) driven by the driving motor, and also a hydraulic motor (30) for driving the stirring apparatus, to which motor oil under pressure can be admitted via a pressure line of the hydraulic pump. The flow of oil to the hydraulic motor can be adjusted in such a manner that, during increasing pressure or pressure which exceeds at least one adjustable setpoint value in the pressure line or in the mixing vessel, the hydraulic motor runs more slowly or stops. In order for a blocked stirring apparatus to be driven freely, the direction of rotation of the hydraulic motor is automatically reversible. <IMAGE>

IPC 1-7

B28C 7/02

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102004014326A1; EP1120216A3; WO2010045930A3; WO9407667A1; WO9319914A1

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