

Title (en)

MASS FLOW APPARATUS FOR POWDERED AND GRANULATED SOLIDS AND ACCUMULATED WEIGHT

Title (de)

MASSENDURCHFLUSS-MESSGERÄT FÜR PULVER UND GRANULATE UND AGGLOMERIERTE MASSEN.

Title (fr)

DEBITMETRE MASSIQUE POUR MATIERES SOLIDES EN POUDRE ET EN GRANULES ET MASSE ACCUMULEE

Publication

**EP 1254351 A1 20021106 (EN)**

Application

**EP 00992903 A 20001212**

Priority

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Abstract (en)

[origin: WO0148442A1] A mass flow apparatus for measuring the mass flow rate of powdered, granulated or solid particulate materials includes a material inlet (24), a material outlet (27), a measuring chamber (25) connecting the inlet and the outlet, comprising a movable element (20) with a fixed axis of rotation located in the flow path and having attached to the axis of rotation a flow sensor (22) which provides a raw output signal corresponding to an unknown mass flow rate and a processor containing empirically derived calibration function for converting the raw output signal to an adjusted signal indicating the corrected mass flow rate of the flowing material.

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IPC 8 full level

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