

Title (en)
Flow control devices.

Title (de)
Einrichtung zum Regeln der Ausflussmenge.

Title (fr)
Dispositif de réglage du débit.

Publication
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Application
EP 82300863 A 19820219

Priority
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Abstract (en)
A device (10) for controlling the flow of powdered or granular material out of a storage device such as a hopper (11) comprises a body (12, 13) for mounting underneath the storage device and defining at last one outlet uassage (17, 18) for the material and at least one control member (20, 21). The device has at least one material support surface (30) adjacent to the outlet passage (17, 18), the support surface (30) being positioned and shaped to support a substantial part of the pressure head exerted by the material, thus substantially reducing the pressure head acting on material tending to flow through the outlet passage (17, 18) and making it easier for the control member (20, 21) to control the flow of material through the outlet passage (17, 18). The control member (20, 21) has a surface which faces upwardly at an inclined angle to the horizontal when the control device (10) is mounted underneath the storage device (11), and the control member (20, 21) is movable across the outlet passage (17, 18) transversely to the direction of flow, to control the flow.

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IPC 8 full level
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CPC (source: EP)
B65D 90/587 (2013.01); **B65D 90/623** (2013.01); **B65D 90/66** (2013.01)

Citation (search report)
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