

Title (en)

Valve, preferably for a waste suction system, and method for using the valve

Title (de)

Ventil, insbesondere für eine Abfallsauganlage, sowie Verfahren zu dessen Verwendung

Title (fr)

Vanne, de préférence pour un système d'aspiration de déchets, et procédé de mise en oeuvre

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Application

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Priority

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Abstract (en)

The present invention concerns a valve (1) for regulating a mass flow, preferably a mass of waste in a waste suction system (30), including a valve chamber (2), a displaceable valve plate (3) and an actuation unit (4), where the valve chamber (2) at one end is adapted to be disposed between two pipe ends (5, 6), and where the actuation unit (4) is disposed at a second end of the valve chamber (2) and adapted to displace the valve plate (3) in the valve chamber (2) from a closed first position to an open second position, where the valve chamber (2) is designed with a number of air inlets (12) designed to lead secondary transport air in through the valve (1). <??>The present invention furthermore concerns a waste suction system (30), including a pipe system (31, 32), a number of waste shafts and a number of valves (1), where the valve (1) is disposed in the pipe system (31, 32) so that the secondary transport air (A) through the air inlet (12) is in downstream flow of a primary transport air (D) through the pipe system (31, 32). <??>The present invention furthermore concerns a method for using a valve (1) in a waste suction system (30). <IMAGE>

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CPC (source: EP)

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Citation (applicant)

- WO 0046129 A1 20000810 - CENTRALSUG INT AB [SE], et al
- US 4176673 A 19791204 - CONNOR PETER J [US]

Citation (search report)

- [XY] US 4176673 A 19791204 - CONNOR PETER J [US]
- [Y] WO 0046129 A1 20000810 - CENTRALSUG INT AB [SE], et al
- [X] FR 2830599 A1 20030411 - MARCEAU AMALRIC [FR]
- [X] WO 02090804 A2 20021114 - EVAC GMBH [DE], et al

Cited by

JP2012136330A; EP3027535A4; ES2319482A1; US10399799B2; US10773886B2; WO2015015055A1

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