

Title (en)
Dump valve assembly.

Title (de)
Entlastungsventilanordnung.

Title (fr)
Assemblage de vanne de décharge.

Publication
EP 0487215 A2 19920527 (EN)

Application
EP 91309965 A 19911029

Priority
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Abstract (en)
A dump valve assembly has a valve (11) connected to a stem (12) and locatable in a drain outlet (2) to open and close same. The stem (12) is arranged for reciprocable movement along a longitudinal axis of the outlet (2), and is interconnected with one end (22) of a substantially L-shaped lever (20) extending through a sealed opening (7) in the outlet (2). The lever (20) is pivoted adjacent its corner, and has its other end connected to a first solenoid (16). A first arm (35) of a substantially L-shaped latch piece (30) is connected to a second solenoid (50), and is pivoted adjacent its corner and has a second arm (32) including a ramp (33) adapted for engagement and disengagement with a foot (25) extending from the lever (20) adjacent its pivot. The ramp (33) is adapted to engage the foot (25) upon actuation of the assembly (10) through enabling of the first solenoid (16) to open the outlet (2) by movement of the valve (11). The engagement prevents the inadvertent closure of the outlet (2) by a force acting on the valve (11). The ramp (33) is disengaged from the foot (25) upon enabling of the second solenoid (50) and a consequent rotation of the latch piece (30) caused thereby. <IMAGE>

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E03C 1/23

IPC 8 full level
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CPC (source: EP)
E03C 1/23 (2013.01); **E03C 1/2302** (2013.01); **E03C 2001/2311** (2013.01)

Cited by
EP3315675A1; US6675407B1; US5640724A; US6308351B1; US5363519A; EP0675986A4; US10458104B2

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