

Title (en)

System for mixing additive with liquid

Title (de)

System zur Mischung von Zusätzen mit Flüssigkeit

Title (fr)

Système pour mélanger un additif avec un liquide

Publication

EP 2168722 A1 20100331 (EN)

Application

EP 08165381 A 20080929

Priority

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Abstract (en)

The present invention relates to a system for mixing pressurised liquid (5) with an additive (8), said system comprising: a first conduit (12) for supplying pressurised liquid (5) from a source (9) to a discharge opening (11); a vessel (13) that is adapted to contain said additive (8) that is to be mixed with said pressurised liquid (5); a second conduit (20) for supplying pressurised liquid (5) to an inlet (21) of said vessel (13); an outlet (23) from said vessel (13), wherein at least a portion of the outlet (23) has an at least partly vertical extension so that the flow of additive and pressurised liquid that flows in said outlet (23) is at least partly moved in an upwards direction in said outlet (23), and wherein said outlet (23) is connected to said first conduit (12); and an air vent (40) provided to vent said vessel (13).

IPC 8 full level

B24C 1/04 (2006.01); **B24C 7/00** (2006.01)

CPC (source: EP)

B24C 1/045 (2013.01); **B24C 7/0007** (2013.01); **B24C 3/06** (2013.01)

Citation (applicant)

- WO 9529792 A1 19951109 - BHR GROUP LTD [GB], et al
- WO 0052679 A2 20000908 - BHR GROUP LTD [GB], et al

Citation (search report)

- [XY] EP 1199136 A1 20020424 - ANT APPLIED NEW TECHNOLOGIES A [DE]
- [XY] US 3514905 A 19700602 - KING WILLIAM L, et al
- [Y] DE 9115752 U1 19920423
- [DA] WO 0052679 A2 20000908 - BHR GROUP LTD [GB], et al

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EP4052845A1; CN103599615A; CN109202731A

Designated contracting state (EPC)

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