Title (en)
METHOD FOR DETERMINING THE FILL LEVEL IN A REDUCING AGENT TANK

Title (de)
VERFAHREN ZUR BESTIMMUNG DES FÜLLSTANDS IM REDUKTIONSMITTEL-TANK

Title (fr)
PROCÉDÉ POUR DÉTERMINER LE NIVEAU DE REMPLISSAGE D'UN RÉSERVOIR D'AGENT DE RÉDUCTION

Publication
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Application
EP 11706843 A 20110308

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Abstract (en)
[origin: WO2011110573A1] The invention relates to a method for operating a tank (1) for reducing agent, in particular aqueous urea solution, comprising a sensor (5) having a first electrical contact (6) and a second electrical contact (7). According to the method, a conductance value for liquid reducing agent (14), a conductance value for frozen reducing agent (15), and a conductance value for air (16) are first determined (steps a.1) to a.3)). A voltage is then applied between the first electrical contact (6) and the second electrical contact (7) (step b)). A conductance value between the first electrical contact (6) and the second electrical contact (7) is then determined (step c)). The conductance value determined in step c) is then compared to the conductance values determined in steps a.1) to a.3) and a determination is made as to whether liquid reducing agent (14), frozen reducing agent (15), or air (16) is present.

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Citation (search report)
See references of WO 2011110573A1

Citation (examination)
WO 2010054733 A1 20100520 - BAYERISCHE MOTOREN WERKE AG [DE], et al

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