

Title (en)
METHOD FOR DETERMINING FILLING TIME

Title (de)
VERFAHREN ZUR ERMITTLUNG DER BEFÜLLZEIT

Title (fr)
PROCÉDÉ DE DÉTERMINATION DU TEMPS DE REMPLISSAGE

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Application
EP 08864809 A 20081216

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• AT 21142007 A 20071221

Abstract (en)
[origin: WO2009079675A2] The invention relates to a method for determining the filling time for filling at least one material separator (1) provided with a fill level sensor (12) and a requirement sensor (11) in delivery systems made of at least one reservoir (4). In the beginning, with empty lines (3, 6) and an empty material separator (1), the bulk material is delivered out of the reservoir (4) from the time the requirement sensor (11) is triggered until the fill level sensor (12) is triggered, and said delivery time (T REF1) is measured and stored. If the requirement sensor (11) is triggered again, the delivery is carried out again until the fill level sensor (12) is triggered, and said delivery time (T REF2), which corresponds to the delivery time for filling the material separator (1), is measured and stored, wherein bulk material is present in the lines (3, 6) from the first delivery. The delivery time (T REF2) is subtracted from the delivery time (T REF1) in order to determine the emptying time (T LEER), which is equal to the intake time. The lines (3, 6) are emptied within the calculated emptying time (T LEER). If the requirement sensor (11) is activated again, the material separator (1) is triggered with the delivery time (T REF2) and emptied with the emptying time (T LEER), which both represent the filling time when added together.

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