

Title (en)

METHOD FOR CONTROLLING THE FILLING LEVELS OF TANKS

Title (de)

VERFAHREN ZUR STEUERUNG DER FÜLLSTÄNDE VON BEHÄLTERN

Title (fr)

PROCEDE DE GESTION DES NIVEAUX DE REMPLISSAGE DE CUVES

Publication

EP 3803190 B1 20220216 (FR)

Application

EP 19736422 A 20190528

Priority

- FR 1854735 A 20180531
- FR 2019051246 W 20190528

Abstract (en)

[origin: WO2019229368A1] Method for controlling the filling levels of a plurality of tanks arranged in a vessel, said tanks being interconnected such as to allow liquid to be transferred therebetween, the method comprising: providing an initial state (7) of the tanks; determining a target state (8) defining respective final filling levels of said tanks; determining a liquid transfer scenario (9), the transfer scenario defining one or more flows of liquid to be transferred between the tanks during a transfer period in order to switch from the initial state to the target state of the tanks; calculating a probability of damage to the tanks (10) during the course of said transfer scenario, according to successive filling levels of the tanks during the transfer period; and if the probability of damage to the tanks satisfies an acceptance criterion, transferring (13) the liquid between the tanks in accordance with said transfer scenario.

IPC 8 full level

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CPC (source: EP KR US)

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