

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)

**F17C 6/00** (2013.01 - EP KR US); **F17C 13/00** (2013.01 - EP); **F17C 13/02** (2013.01 - US); **F17C 13/021** (2013.01 - KR); **F17C 2201/0157** (2013.01 - EP KR US); **F17C 2201/052** (2013.01 - EP KR US); **F17C 2205/0134** (2013.01 - EP KR US); **F17C 2221/033** (2013.01 - EP KR US); **F17C 2223/0161** (2013.01 - EP KR US); **F17C 2223/033** (2013.01 - EP KR); **F17C 2225/0161** (2013.01 - EP KR); **F17C 2225/033** (2013.01 - EP KR); **F17C 2227/0135** (2013.01 - EP KR US); **F17C 2250/032** (2013.01 - EP KR US); **F17C 2250/036** (2013.01 - EP KR US); **F17C 2250/0408** (2013.01 - EP KR US); **F17C 2250/0439** (2013.01 - EP KR US); **F17C 2250/0465** (2013.01 - EP KR); **F17C 2250/0473** (2013.01 - EP KR US); **F17C 2250/0482** (2013.01 - EP KR US); **F17C 2250/061** (2013.01 - EP KR US); **F17C 2250/0636** (2013.01 - EP KR US); **F17C 2250/0694** (2013.01 - EP KR US); **F17C 2250/07** (2013.01 - EP KR); **F17C 2260/016** (2013.01 - EP KR US); **F17C 2270/0105** (2013.01 - EP KR US)

Designated contracting state (EPC)

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