

Title (en)
Loading and offloading system

Title (de)
Ladung-und -Entladungssystem

Title (fr)
Système de chargement et de déchargement

Publication
EP 1681231 A1 20060719 (EN)

Application
EP 06100264 A 20060112

Priority
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• EP 06100264 A 20060112

Abstract (en)
The invention relates to a vessel (1) comprising a hull (3) and within said hull a number of cylindrical tanks (4,5), each tank having a first and a second opening and respective valves (18,19,23,25) closing each opening, wherein the tanks are supported by a support structure in the hull, the first openings of the tanks being connected to a hydrocarbon inflow/outflow line (17), the second openings of the tanks being connected to a displacement fluid inflow/outflow line (22), at least one pump (21) being connected to the displacement fluid inflow/outflow and/or to the hydrocarbon inflow/outflow line, a control means (27) being connected to the at least one pump (21) and to the valves (18,19,23,25) for controlling: - pumping a first volume of displacement liquid or a hydrocarbon into the tanks via one of the displacement fluid inflow/outflow line and the hydrocarbon inflow/outflow line (22), while - opening the valve (18,19,23,25) of the other of the displacement fluid inflow/outflow line and the hydrocarbon inflow/outflow line and removing a second volume of hydrocarbon or displacement fluid out of the tank via the valve.

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CPC (source: EP)
B63B 25/12 (2013.01); **B63B 27/24** (2013.01); **B63B 11/04** (2013.01)

Citation (applicant)
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Citation (search report)
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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