Title (en)
DEVICE AND METHOD FOR THE EMERGENCY EMPTYING OF THE TANKS OF OIL TANKERS IN DISTRESS.

Title (de)
ANORDNUNG UND VERFAHREN ZUR TANKERNOTENTLEERUNG VON IN SEENOT GERATENEN TANKSCHIFFEN.

Title (fr)
SYSTEME ET PROCEDE PERMETTANT DE VIDANGER EN URGENCE LES CITERNES DE PETROLIERS EN DETRESSE.

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Application
EP 94917550 A 19940614

Priority
• DE 9400667 W 19940614
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Abstract (en)
[origin: CA2140860A1] The invention concerns the technical field of water craft, especially the corresponding equipment, and describes an arrangement and method for the emergency emptying oftankers in accident situations whereby openings in the side of the ship and hoseconnections are provided in such a way that coiled, double walled flexible hoses with handling ropes, hose drive devices with an independent energy source and an air bag device are disposed between the side of the ship and the tanks. Hatch covers that can be detached by explosive force after an accident are provided at these points. After the side of the ship has been opened in this way, the hoses are set in motion towards the open sea in the manner of a torpedo, and their ends and the handling ropes are carried to the water surface by an air bag function, from where they are easy to take up and connect to tanks. All necessary commands are executed under remote wireless control. The cargo of the tanker is evacuated mainly by compressed air via the double walled hoses.

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CPC (source: EP KR)
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DE 9490174 U1 19950420; CA 2140860 A1 19950105; CA 2140860 C 20050719; DE 4321526 A1 19950105; DE 4321526 B4 20050818; EP 0655040 A1 19950531; EP 0655040 B1 19970702; GR 3024912 T3 19980130; JP 3539731 B2 20040707; JP H08500794 A 19960130; KR 100302239 B1 20011122; KR 950702488 A 19950729; NL 194038 B 20010102; NL 194038 C 20010503; NL 9420006 A 19950601; PL 174300 B1 19980731; PL 307436 A1 19950529; RU 2143370 C1 19991227; RU 95108256 A 19970127; WO 9500388 A1 19950105

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