

Title (en)
OIL DELIVERY SYSTEM

Publication
EP 0044198 A3 19820811 (EN)

Application
EP 81303145 A 19810709

Priority
US 16766880 A 19800711

Abstract (en)
[origin: EP0044198A2] An oil delivery system for supplying heavy oil from a source that is contaminated with water to burners (34,336). Control apparatus (8, 14) heats the heavy oil solution until it is preheated above the saturation temperature of water at the pressure in a de-watering tank (18) which is connected to the control apparatus and receives the preheated heavy oil solution. The tank (18) is maintained at a pressure sufficient to permit any liquid water contained in the heavy oil solution to vaporize and thus be removed from the heavy oil. A low pressure pump (26,28) delivers the de-watered heavy oil from the tank (18) to a combustion apparatus such as a marine power generator or oil burner (34,36).

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F23K 5/00; C10G 33/06

IPC 8 full level
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CPC (source: EP)
F23K 5/04 (2013.01); **F23K 5/20** (2013.01)

Citation (search report)
• [X] GB 475663 A 19371124 - ROBERT CHARLES SULLIVAN
• [X] GB 1140501 A 19690122 - MANTON GAULIN MFG COMPANY INC
• [A] GB 911297 A 19621121 - DOWTY FUEL SYST LTD
• [A] FR 999486 A 19520131 - CIE REUNIES GLACES ET VERRES

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WO2008080375A1; KR100270638B1

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FI 812188 L 19820112; GR 74292 B 19840621; JP S5741520 A 19820308; NO 812376 L 19820112

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