

Title (en)

Oil delivery system.

Title (de)

Anlage zum Speisen von Heizöl.

Title (fr)

Installation d'alimentation en huile combustible.

Publication

**EP 0044198 A2 19820120 (EN)**

Application

**EP 81303145 A 19810709**

Priority

US 16766880 A 19800711

Abstract (en)

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).

IPC 1-7

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IPC 8 full level

**F23K 5/04** (2006.01); **F23K 5/08** (2006.01); **F23K 5/20** (2006.01)

CPC (source: EP)

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Cited by

CN102032586A; US6036473A; EP0869316A3; US2013008663A1; US9062525B2; US6123540A; EP0760451A3; EP0811805A3; WO2008080375A1; KR100270638B1

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