

Title (en)
Cooling apparatus for a ships motor

Title (de)
Kühlungsvorrichtung für Schiffsmotoren

Title (fr)
Dispositif de refroidissement pour moteurs de navires

Publication
EP 1233159 A1 20020821 (EN)

Application
EP 02075644 A 20020218

Priority
NL 1017403 A 20010219

Abstract (en)
A cooling apparatus (3) for the cooling water of a ship's engine, comprising cooling tubes (13) through which the cooling water can be conducted, a tube plate (12) on which the cooling tubes (13) are mounted, and at the side of the tube plate (12) facing away from the cooling tubes (13) a water header (11), which water header comprises connecting stubs (9,10) for the inlet and outlet of the cooling water, wherein a rack (15) is mounted integrated in the cooling apparatus at the nose end (14) of the cooling tubes, at a distance from the tube plate (12), comprising a cathode (16) and at least one copper anode (17,18). <IMAGE>

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IPC 8 full level
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F01P 3/207 (2013.01); **F01P 11/06** (2013.01); **F28D 1/022** (2013.01); **F28D 1/0475** (2013.01); **F28F 19/004** (2013.01); **B63B 2013/005** (2013.01); **F01P 2011/066** (2013.01)

Citation (applicant)
NL 1013224 C2 20010409 - BLOKSMA B V [NL]

Citation (search report)
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• [A] WO 0078605 A1 20001228 - SCHARF EVA MARIA [DE], et al
• [A] BEER JOACHIM: "Aussenhautkuehlung eine bevorzugte Kuehlungsart fuer Binnenschiffe", SCHIFF UND HAFEN, SEEHAFEN-VERLAG ERIK BLUMENFELD. HAMBURG, DE, vol. 27, no. 7, July 1975 (1975-07-01), pages 555 - 557, XP002138909, ISSN: 0938-1643
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