

Title (en)
SUBMERSIBLE ELECTRIC MACHINE ASSEMBLY

Title (de)
TAUCHFÄHIGE ELEKTRISCHE MASCHINENANORDNUNG

Title (fr)
ENSEMBLE DE MACHINE ÉLECTRIQUE SUBMERSIBLE

Publication
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Application
EP 17198309 A 20171025

Priority
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Abstract (en)
The invention relates to a submersible electric machine assembly comprising a submersible electric machine (2) having an integrated control unit (12) configured for monitoring and controlling the operation of the submersible electric machine (2), an electric power connector (3), and an electric power cable (4) interconnecting the electric power connector (3) and the submersible electric machine (2), and comprising at least one power wire for supplying power from the electric power connector (3) to the control unit (12) of the submersible electric machine (2). The submersible electric machine assembly is characterized in that the electric power cable (4) comprises at least one communication wire and the electric power connector (3) comprises an operating panel, wherein the operating panel is connected to the control unit (12) of the submersible electric machine (2) via said at least one communication wire.

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Citation (applicant)
EP 2660474 A1 20131106 - SULZER PUMP SOLUTIONS AB [SE]

Citation (search report)
• [XDI] EP 2660474 A1 20131106 - SULZER PUMP SOLUTIONS AB [SE]
• [A] JP 2005171880 A 20050630 - SHIN MEIWA IND CO LTD
• [A] CN 205646300 U 20161012 - FUJIAN NANAN CITY XIAMEN ELECTRONIC EQUIPMENT FACTORY
• [A] EP 2713191 A1 20140402 - SIEMENS AG [DE]
• [A] US 2007154322 A1 20070705 - STILES ROBERT W JR [US], et al

Cited by
GB2589050A; EP3770437A1; IT201900012849A1

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