

Title (en)

COMPRESSOR SYSTEM FOR UNDERWATER USE IN THE OFFSHORE AREA

Title (de)

VERDICHTERSYSTEM FÜR DEN UNTERWASSEREINSATZ IM OFFSHORE-BEREICH

Title (fr)

SYSTÈME COMPRESSEUR POUR UNE UTILISATION SOUS-MARINE DANS LE DOMAINE OFFSHORE

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Application

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Abstract (en)

[origin: CA2686794A1] The invention relates to a compressor system (1), particularly for conveying gases or gas/oil mixtures in the offshore area, with a seawater-tight housing (2) with at least one access opening (3) for gases or gas/oil mixtures which are to be compressed, and with at least one outlet opening (4) for the compressed gases or gas/oil mixtures. In the housing (2), a compressor (8) is disposed, which is connected at the inlet side to the access opening (3) and, at the outlet side, to the outlet opening (4). An electric motor (7), which has a stator assembly (71) and a rotor assembly (72) for driving the compressor (8), is disposed in the housing (2). According to the invention, the stator assembly (71) can be cooled over an inner side (G1) of the housing (2) of the compressor system (1).

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