

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

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Application
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Abstract (en)
[origin: WO2018041403A1] The invention relates to a compressor (10), particularly a refrigerant compressor, comprising a compressor housing (14) and at least one piston (12) arranged in a cylinder in a reciprocal manner and driven by an electric motor (16), said compressor (10) having an oil sump lubrication, the oil sump (20) extending in the compressor (10) from a housing lower side (22) to an oil filling level (24), and a force-feed lubrication with a lubricant pumping device, the lubricant pumping device being connected to the oil sump and used to suck lubricant out of the oil sump, the electric motor (16) comprising a casing (18) with a casing interior (26) defined by the casing (18), the electric motor (16) being arranged in the casing interior (26) and the electric motor (16) together with the casing (18) extending into the oil sump (20) of the compressor (10). The casing (18) comprises a suction opening (28) connected to a suction device used to suck up lubricant that reaches the casing interior (26), the suction device and the lubricant pumping device being operated by a single toothed wheel pump (32) having a first (34) and a second (36) suction opening, where the first and the second suction openings are separate from each other, and the first suction opening (34) is used to suck up lubricant reaching the casing interior (26), and the second suction opening (36) is used to suck up lubricant from the oil sump (20).

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