

Title (en)

LUBRICANT RECEPTACLE FOR A COOLANT COMPRESSOR AND COOLANT COMPRESSOR

Title (de)

SCHMIERMITTELAUFNAHME FÜR EINEN KÄLTEMITTELKOMPRESSOR UND KÄLTEMITTELKOMPRESSOR

Title (fr)

LOGEMENT DE LUBRIFIANT POUR UN COMPRESSEUR FRIGORIFIQUE ET COMPRESSEUR FRIGORIFIQUE

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Application

EP 17818587 A 20171222

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Abstract (en)

[origin: WO2018122180A1] The invention relates to a lubricant receptacle (1) for vertically conveying lubricant by means of a crankshaft (2) of a coolant compressor (3), said lubricant receptacle (1) comprising at least one rotationally symmetrical, sleeve-type receiving section (4) for receiving lubricant, wherein the longitudinal axis (8) of the receiving section (4) can be arranged coaxially with a longitudinal axis of the crankshaft (2) of the coolant compressor (3), and comprising a securing section (16) connected to the receiving section (4) in order to secure the lubricant receptacle (1) on the crankshaft (2), as well as comprising at least one end region (5) connected to the receiving section (4) which closes the the receiving section (4) apart from an inlet opening (6), wherein the inlet opening (6) permits the entry of lubricant from a lubricant sump (7) of the coolant compressor (3) into the receiving section (4) of the lubricant receptacle (1) protruding at least partially into the lubricant sump (7), wherein the inlet opening (6) is arranged in the end region (5) around the longitudinal axis (8), wherein, when viewed in the direction of the longitudinal axis, the inlet opening (6) either has a circular peripheral shape and a mid-point of the inlet opening is offset in relation to the longitudinal axis (8), or the inlet opening (6) has a non-circular peripheral shape when viewed in the direction of the longitudinal axis.

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