

Title (en)
COMPRESSOR SYSTEM WITH TEMPERATURE MONITORING DEVICE CONTROLLABLE IN CLOSED-LOOP AND/OR OPEN-LOOP FASHION

Title (de)
KOMPRESSORSYSTEM MIT REGELBARER UND/ODER STEUERBARER TEMPERATURÜBERWACHUNGSEINRICHTUNG

Title (fr)
SYSTÈME COMPRESSEUR AVEC DISPOSITIF DE SURVEILLANCE DE LA TEMPÉRATURE RÉGULABLE ET/OU COMMANDABLE

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Abstract (en)
[origin: WO2018188768A1] The present invention relates to a compressor system (100, 200; 100', 200') of a vehicle, in particular of a utility vehicle, having at least one compressor (10, 10') which has at least one oil sump (22a, 22a') and at least one temperature monitoring device (66, 166, 266; 66a, 166b, 266c, 266d), and having at least one heat exchanger (74, 74'), wherein the compressor (10, 10'), the oil sump (22a, 22a'), the heat exchanger (74, 74') and the temperature monitoring device (66, 166, 266; 66a, 166b, 266c, 266d) are operatively connected, wherein furthermore, the temperature monitoring device (66, 166, 266; 66a, 166b, 266c, 266d) has at least one compressor start-up switching state and at least one compressor low-temperature switching state, wherein the compressor start-up switching state is assigned to at least one first temperature range of the oil (22, 22') and the compressor low-temperature switching state is assigned to at least one second temperature range of the oil (22, 22'), wherein, in the compressor start-up switching state, the oil (22, 22') flowing out of the compressor (10, 10') can be recirculated to said compressor at least via the heat exchanger (74, 74') for the purposes of warming the oil (22, 22'), and in the compressor low-temperature switching state, the oil (22, 22') flowing out of the compressor (10, 10') can be recirculated to said compressor not via the heat exchanger (74, 74').

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