

Title (en)
AIR CONDITIONING SYSTEM

Title (de)
KLIMAANLAGE

Title (fr)
SYSTÈME DE CONDITIONNEMENT D'AIR

Publication
EP 3199888 A1 20170802 (EN)

Application
EP 16153414 A 20160129

Priority
EP 16153414 A 20160129

Abstract (en)
An air conditioning system (100) comprises a refrigerant circuit (40), and an electrical circuit (50). The refrigerant circuit (40) includes an indoor heat exchanger (22), an outdoor heat exchanger (13), a compressor (11), a refrigerant pipe (171), and a plurality of pressure stats (181, 182). The refrigerant pipe (171) is connected to the compressor (11) and forming at least part of the refrigerant circuit (40). The plurality of pressure stats (181, 182) is configured to detect pressure of the refrigerant in the refrigerant pipe (171). The electrical circuit (50) is configured to drive the refrigerant circuit (40). Each of the plurality of the pressure stats (181, 182) includes a pressure sensor (630, 730) and an electrical switch (640, 740). The pressure sensor (630, 730) is configured to detect pressure of the refrigerant in the refrigerant pipe (171). The electrical switch (640, 740) is configured to stop the electrical circuit (50) from driving the refrigerant circuit (40) at least partially in accordance with the pressure detected by the respective pressure sensor (630, 730). The plurality of the pressure stats (181, 182) is connected to different connection portions (301, 302) of the refrigerant pipe (171), respectively. The connection portions (301, 302) are spaced out from each other.

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CPC (source: EP)
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Citation (search report)

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