

Title (en)
AIR CONDITIONER AND CONTROL METHOD THEREOF

Title (de)
KLIMAANLAGE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)
CLIMATISEUR ET SON PROCÉDÉ DE COMMANDE

Publication
EP 3527903 B1 20240410 (EN)

Application
EP 17863047 A 20170926

Priority
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• CN 2017103464 W 20170926

Abstract (en)
[origin: EP3527903A1] Provided are an air conditioner and a control method thereof. The control method includes following steps: controlling a compressor (10) of an air conditioner to be in an operating state or a shutdown state according to a superheat degree of injected vapor of the compressor (10) and a continuous duration of the superheat degree; controlling the compressor (10) to be in a shutdown state for maintenance according to a number of shutdown times of the compressor (10), so as to maintain a gas supply pipeline (50) of the compressor (10). By adopting such a configuration, an operating condition of the compressor (10) can be accurately and effectively determined, which enables the compressor (10) to be maintained timely, thereby preventing the compressor (10) from being damaged as a result of operating in a severe condition, and enhancing operation reliability of the compressor (10) and the air conditioner.

IPC 8 full level
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