

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  
• CN 201610903627 A 20161017  
• 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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