

Title (en)  
SWITCHING APPARATUS AND AIR CONDITIONING APPARATUS

Title (de)  
SCHALTVORRICHTUNG UND KLIMAANLAGE

Title (fr)  
APPAREIL DE COMMANDE ET APPAREIL DE CLIMATISATION

Publication  
**EP 2570740 A4 20171213 (EN)**

Application  
**EP 10851347 A 20100512**

Priority  
JP 2010003207 W 20100512

Abstract (en)  
[origin: US2013014525A1] A switching device or the like efficiently performs operations such as the cutting off of a refrigerant and is easy to maintain, design, and manufacture at low cost even if the switching device is included in, for example, an air-conditioning apparatus including a plurality of indoor units. A plurality of shut-off valves for individually stopping the flow of a refrigerant are provided in a plurality of pipes for making a refrigerant circulate between a heat source unit and a plurality of indoor units. The shut-off valves are integrated into pairs. A number of pairs of the shut-off valves corresponding to the number of indoor units are grouped together.

IPC 8 full level  
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**F25B 2313/023** (2013.01 - EP US); **F25B 2500/221** (2013.01 - EP US); **F25B 2500/222** (2013.01 - EP US); **F25B 2600/2519** (2013.01 - EP US)

Citation (search report)  
• [A] EP 2051028 A1 20090422 - DAIKIN IND LTD [JP]  
• [A] EP 2056044 A1 20090506 - DAIKIN IND LTD [JP]  
• [A] EP 1418390 A1 20040512 - DAIKIN IND LTD [JP]  
• [A] EP 0976994 A1 20000202 - DAIKIN IND LTD [JP]  
• See references of WO 2011141959A1

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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