

Title (en)  
PNEUMATIC SYSTEM FOR PISTON ENGINE

Title (de)  
PNEUMATISCHES SYSTEM FÜR KOLBENMOTOR

Title (fr)  
SYSTÈME PNEUMATIQUE POUR MOTEUR À PISTON

Publication  
**EP 2847454 A1 20150318 (EN)**

Application  
**EP 13723532 A 20130422**

Priority  
• FI 20125501 A 20120510  
• FI 2013050444 W 20130422

Abstract (en)  
[origin: WO2013167795A1] The pneumatic system for a piston engine comprises two independent pneumatic starting motors (1a, 2a), which are connected to a pressure medium source (13, 13a, 13b) by starting air ducts (3, 4). Connecting ducts (11, 12) that connect the rest of the pneumatic system to the starting air ducts (3, 4) are provided with non-return valves (9, 10) for preventing flow to a wrong starting motor (1a, 2a).

IPC 8 full level  
**F02N 7/08** (2006.01); **F02D 41/20** (2006.01)

CPC (source: CN EP FI)  
**F02N 7/08** (2013.01 - CN EP FI); **F02N 9/04** (2013.01 - FI); **F01L 13/04** (2013.01 - FI); **F02D 2041/2051** (2013.01 - CN EP);  
**F02D 2400/08** (2013.01 - CN EP)

Citation (search report)  
See references of WO 2013167795A1

Cited by  
CN107709724A

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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**FI 2013050444 W 20130422**; CN 201380018220 A 20130422; EP 13723532 A 20130422; FI 20125501 A 20120510