

Title (en)  
COMPRESSOR UNIT

Title (de)  
KOMPRESSOREINHEIT

Title (fr)  
UNITÉ COMPRESSEUR

Publication  
**EP 2715136 B1 20200708 (DE)**

Application  
**EP 12718223 A 20120503**

Priority  
• DE 102011050714 A 20110530  
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Abstract (en)  
[origin: WO2012163618A2] Compressor unit in a portable compressed-air source, comprising a reciprocating piston compressor driven by a slider crank mechanism and having a piston that is oscillated in a cylinder and delimits a compression chamber, said cylinder being closed on the output side by a cylinder head having an outlet valve. The cylinder head comprises a separate pressure relief valve for the compression chamber, which pressure relief valve is mounted in parallel to the outlet valve.

IPC 8 full level  
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CPC (source: EP)  
**F04B 39/10** (2013.01); **F04B 39/125** (2013.01); **F04B 49/03** (2013.01); **F04B 49/08** (2013.01)

Citation (examination)  
• US 2009110567 A1 20090430 - AVERILL BRYAN M [US], et al  
• EP 0806568 A2 19971112 - FESTO KG [DE]  
• DE 102009049094 A1 20110407 - KAERCHER GMBH & CO KG ALFRED [DE]  
• GB 1398039 A 19750618 - VNI I PK I NEFTYANOGO MASH VNI  
• DE 102008045730 A1 20090319 - GM GLOBAL TECH OPERATIONS INC [US]  
• US 1649297 A 19271115 - NELSON SVEN T  
• EP 1650434 A2 20060426 - ITG KOMPRESSOREN GMBH [DE]  
• WO 2004041649 A1 20040521 - INTERDYNAMICS INC [US]  
• GB 2073827 A 19811021 - WELL MEN IND CO LTD  
• US 5947696 A 19990907 - BAUMGARTEN JOHN M [US]

Designated contracting state (EPC)  
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