

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
F04B 49/03 (2006.01); **F04B 49/08** (2006.01)

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)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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