

Title (en)  
RECIPROCATING COMPRESSOR WITH COMPOSITE MATERIAL COMPONENTS

Title (de)  
HUBKOLBENVERDICHTER MIT VERBUNDMATERIALKOMPONENTEN

Title (fr)  
COMPRESSEUR ALTERNATIF À COMPOSANTS EN MATÉRIAU COMPOSITE

Publication  
**EP 3080452 A1 20161019 (EN)**

Application  
**EP 14808620 A 20141205**

Priority  
• IT FI20130296 A 20131209  
• EP 2014076738 W 20141205

Abstract (en)  
[origin: WO2015086458A1] A double-effect reciprocating compressor is described. The compressor comprises a cylinder (3) and a reciprocatingly moving arrangement comprised of a piston (7), a crosshead (37) and a piston rod (15) connecting the crosshead to the piston. A crank-shaft (31) drives the reciprocatingly moving arrangement into reciprocating motion via a connecting rod (33). At least one part of the piston and of the piston rod is at least partly made of a composite material.

IPC 8 full level  
**F04B 39/00** (2006.01)

CPC (source: EP)  
**F04B 39/0005** (2013.01); **F04B 39/0022** (2013.01)

Citation (search report)  
See references of WO 2015086458A1

Cited by  
EP3521618A1

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