

Title (en)  
OIL FREE GAS COMPRESSOR.

Title (de)  
ÖLFREIER GASKOMPRESSOR.

Title (fr)  
COMPRESSEUR A GAZ SANS HUILE.

Publication  
**EP 0016834 A4 19810224 (EN)**

Application  
**EP 79901233 A 19800408**

Priority  
IL 5552078 A 19780906

Abstract (en)  
[origin: WO8000594A1] An oil free gas compressor utilizes a pair of compressor units driven by the exhaust gases of an internal combustion engine. A four-cylinder internal combustion engine (1) has a pair of exhaust branches (4' and 4'') each of which is connected to two different cylinders of the engine (1). The gases in the branches (4' and 4'') are applied to respective gas turbines (3' and 3'') which are individually coupled to a pair of serially connected compressors (5' and 5'') provided with an interstage cooler (6). The resultant compressed air can be used for servicing a grounded jet aircraft by supplying air for ventilation or for engine starting.

IPC 1-7  
**F02C 7/26**

IPC 8 full level  
**F02B 37/007** (2006.01); **F02C 6/04** (2006.01); **F04D 17/12** (2006.01); **F04D 25/04** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP)  
**F02B 37/007** (2013.01); **F02C 6/04** (2013.01); **F04D 17/12** (2013.01); **F04D 25/04** (2013.01); **F04D 29/5826** (2013.01); **F01N 13/107** (2013.01); **Y02T 10/12** (2013.01)

Citation (search report)

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- US 4008572 A 19770222 - WOOLLENWEBER JR WILLIAM E
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Designated contracting state (EPC)  
CH DE FR GB NL SE

DOCDB simple family (publication)  
**WO 8000594 A1 19800403**; EP 0016834 A1 19801015; EP 0016834 A4 19810224; IL 55520 A0 19781217

DOCDB simple family (application)  
**US 7900690 W 19790906**; EP 79901233 A 19800408; IL 5552078 A 19780906