

Title (en)
Clutch-driven gas compressor

Title (de)
Verdichter mit Antriebskupplung

Title (fr)
Compresseur avec embrayage

Publication
EP 0853200 A3 19990506 (EN)

Application
EP 97310001 A 19971211

Priority
GB 9625938 A 19961213

Abstract (en)
[origin: EP0853200A2] In a clutch-driven piston and cylinder air compressor the crankcase (3) has a single closure component (19) provided between a clutch (12) and a crankshaft (6) which component closes an aperture (20) which provides access for assembly of the crankshaft to the crankcase, includes an actuator an annular cylinder (23) and a piston (24) sealingly movable therein for operating a clutch release mechanism (24,28) and occupying space included in a projection of the adjacent cylinder (14) of the compressor. <IMAGE>

IPC 1-7
F04B 49/02; **F04B 27/18**

IPC 8 full level
F04B 27/18 (2006.01); **F04B 49/02** (2006.01)

CPC (source: EP)
F04B 35/002 (2013.01); **F04B 35/01** (2013.01); **F04B 49/02** (2013.01)

Citation (search report)

- [Y] EP 0270713 A1 19880615 - BENDIX LTD [GB]
- [Y] EP 0191150 A1 19860820 - KNORR BREMSE AG [DE]
- [A] GB 2182732 A 19870520 - BENDIX LTD
- [A] US 4775041 A 19881004 - BOFFELLI PIER C [IT]
- [DA] FR 2452011 A1 19801017 - KNORR BREMSE GMBH [DE]

Cited by
WO2020094425A1; CN112969856A; DE112007003348B4; WO2008071185A2; DE102018128111A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0853200 A2 19980715; **EP 0853200 A3 19990506**; **EP 0853200 B1 20030625**; DE 69723042 D1 20030731; DE 69723042 T2 20040422; GB 9625938 D0 19970129

DOCDB simple family (application)
EP 97310001 A 19971211; DE 69723042 T 19971211; GB 9625938 A 19961213