

Title (en)
OIL COOLED FLUID COMPRESSION APPARATUS

Publication
EP 0314133 B1 19920226 (EN)

Application
EP 88117931 A 19881027

Priority
JP 27017387 A 19871028

Abstract (en)
[origin: EP0314133A2] The oil cooled fluid compression apparatus has a safety device for stopping the operation of the apparatus when burning is caused in an oil separator (8) of the apparatus. The safety device includes an auxiliary piping (23) for allowing a part of a compressed fluid to flow therein from the apparatus, and a sensor unit (13) provided in the auxiliary piping (23) and adapted to detect a gas in the compressed fluid, which gas changes in density when burning is caused in the oil separator (8), and to stop the operation of the apparatus.

IPC 1-7
A62C 3/00; F04C 29/10

IPC 8 full level
F04B 39/04 (2006.01); **A62C 3/00** (2006.01); **F04C 28/00** (2006.01); **F04C 28/28** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP KR)
F04C 28/28 (2013.01 - EP KR)

Citation (examination)
• PATENT ABSTRACTS OF JAPAN, vol 8. no. 238 (M-335)(1675), 31st October 1984
• PATENT ABSTRACTS OF JAPAN, vol. 8, no. 230(M-333)(1667), 23rd October 1984

Cited by
DE102005010690A1; DE102005010690B4; US9856866B2; US8105051B2; WO2005033519A1; WO2005123195A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0314133 A2 19890503; EP 0314133 A3 19900103; EP 0314133 B1 19920226; DE 3868586 D1 19920402; JP 2728409 B2 19980318; JP H01113586 A 19890502; KR 890006978 A 19890617; KR 930006376 B1 19930714

DOCDB simple family (application)
EP 88117931 A 19881027; DE 3868586 T 19881027; JP 27017387 A 19871028; KR 880013293 A 19881012