

Title (en)

Scroll machine with reverse rotation protection.

Title (de)

Spiralmaschine mit Gegendrehrichtungsschutz.

Title (fr)

Machine à spirales avec protection contre rotation inverse.

Publication

EP 0537884 A1 19930421 (EN)

Application

EP 92307146 A 19920805

Priority

US 77801991 A 19911017

Abstract (en)

A scroll compressor incorporating a fluid brake for resisting and impeding objectionable reverse movement of the orbiting scroll member. The brake includes a one-way clutch interconnecting a drive shaft and a paddle disposed in the compressor oil sump, and optionally a rotor shield for controlling oil flow around the lower end of the motor rotor. <IMAGE>

IPC 1-7

F04C 18/02; **F04C 29/02**; **F04C 29/10**

IPC 8 full level

F04C 18/02 (2006.01); **F04C 28/06** (2006.01); **F04C 28/28** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP KR)

F04C 18/0215 (2013.01 - EP); **F04C 18/04** (2013.01 - KR); **F04C 28/28** (2013.01 - EP); **F04C 29/028** (2013.01 - EP); **F04C 2270/72** (2013.01 - EP); **F05B 2270/1097** (2013.01 - EP)

Citation (search report)

- [AD] US 4998864 A 19910312 - MUIR EARL B [US]
- [A] EP 0345919 A2 19891213 - COPELAND CORP [US]
- [APD] US 5064356 A 19911112 - HORN JAMES F [US]

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Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

EP 0537884 A1 19930421; **EP 0537884 B1 19971203**; DE 69223374 D1 19980115; DE 69223374 T2 19980326; ES 2109985 T3 19980201; JP H05202868 A 19930810; KR 100290265 B1 20010515; KR 930008307 A 19930521; TW 255945 B 19950901

DOCDB simple family (application)

EP 92307146 A 19920805; DE 69223374 T 19920805; ES 92307146 T 19920805; JP 26279792 A 19920904; KR 920019078 A 19921016; TW 82111028 A 19931227