

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)

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- [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)

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