

Title (en)  
ROLLING PISTON COMPRESSOR

Publication  
**EP 0240823 A3 19880928 (DE)**

Application  
**EP 87104228 A 19870323**

Priority  
DE 3611326 A 19860404

Abstract (en)  
[origin: US4793779A] A rotating piston compressor includes a cylinder having inlet and outlet openings formed therein, a piston rotating in a given direction in the cylinder, a shaft supporting the piston and rotating in the given direction, a casing connected to the cylinder and having slits formed therein, a control device for controlling flow through the inlet and outlet openings in the form of a rotary slide disposed outside the cylinder in the casing, the rotary slide being connected to the shaft for a steady, synchronized rotational movement, and the relative position of the rotary slide and the casing being adjustable.

IPC 1-7  
**F04C 18/356**; **F04C 29/08**

IPC 8 full level  
**F04C 28/00** (2006.01); **F04C 18/356** (2006.01); **F04C 23/00** (2006.01); **F04C 28/02** (2006.01); **F04C 28/06** (2006.01); **F04C 28/12** (2006.01); **F04C 28/14** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP US)  
**F04C 28/125** (2013.01 - EP US); **F04C 29/124** (2013.01 - EP US); **Y10T 137/86421** (2015.04 - EP US)

Citation (search report)  
• [X] EP 0175639 A1 19860326 - ATP ARBEIT TECH PHOTOSYNTHESE [DE]  
• [A] EP 0212570 A2 19870304 - KRAFTWERK UNION AG [DE]

Designated contracting state (EPC)  
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0240823 A2 19871014**; **EP 0240823 A3 19880928**; **EP 0240823 B1 19911121**; BR 8701547 A 19880126; DE 3611326 A1 19871015; DE 3774604 D1 19920102; JP S62240494 A 19871021; US 4793779 A 19881227

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**EP 87104228 A 19870323**; BR 8701547 A 19870403; DE 3611326 A 19860404; DE 3774604 T 19870323; JP 7952687 A 19870330; US 3550187 A 19870403