

Title (en)
Variable displacement compressor

Title (de)
Verdichter mit variabler Verdrängung

Title (fr)
Compresseur à capacité variable

Publication
EP 1219832 A1 20020703 (EN)

Application
EP 01130935 A 20011227

Priority
JP 2000402249 A 20001228

Abstract (en)
A cam plate of a variable displacement compressor is easily manufactured. The compressor includes a lug plate (17) fixed to a drive shaft (16), a cam plate (18) supported in an inclinable manner by the drive shaft, and a hinge mechanism (20) connecting the lug plate and the cam plate. The cam plate includes a disk (18a) engaged with a piston (23) and a joint (18b; 50) formed separately from the disk and fixed to the disk. The joint forms the hinge mechanism. At least one of the joint and the disk is press-formed. <IMAGE>

IPC 1-7
F04B 27/10; **F04B 27/18**

IPC 8 full level
F04B 27/08 (2006.01); **F04B 27/10** (2006.01)

CPC (source: EP US)
F04B 27/1054 (2013.01 - EP US); **F04B 27/1072** (2013.01 - EP US)

Citation (search report)
• [X] US 4073603 A 19780214 - ABENDSCHEIN FREDERIC HENRY, et al
• [A] US 6139282 A 20001031 - OTA MASAKI [JP], et al
• [A] US 4175915 A 19791127 - BLACK DENNIS A [US], et al

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
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