

Title (en)  
RADIAL PISTON ENGINE WITH GUIDE ROLLERS

Title (de)  
RADIALKOLBENMOTOR MIT ROLLENFÜHRUNG

Title (fr)  
MOTEUR A PISTONS RADIAUX AVEC GUIDAGE DES GALETS

Publication  
**EP 1062426 B1 20021002 (DE)**

Application  
**EP 99915563 A 19990310**

Priority  
• DE 19810372 A 19980310  
• EP 9901551 W 19990310

Abstract (en)  
[origin: DE19810372A1] A radial engine has a rotating cylinder block with radial pistons which interact with an outer cam ring via rollers. Each roller is fitted into the end of its piston and moves with the piston. A groove in the piston end locates the roller while the mountings are held in the sides of the piston without contacting the cam.

IPC 1-7  
**F03C 1/04**

IPC 8 full level  
**F03C 1/04** (2006.01); **F04B 1/04** (2006.01)

CPC (source: EP US)  
**F03C 1/0428** (2013.01 - EP US); **F04B 1/0408** (2013.01 - EP US); **F04B 1/0439** (2013.01 - EP US)

Cited by  
EP3258100A1; FR3052820A1; DE102021213182A1; WO03046379A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 19810372 A1 19990916**; DE 59902931 D1 20021107; EP 1062426 A2 20001227; EP 1062426 B1 20021002; JP 2002506172 A 20020226; US 6494127 B1 20021217; WO 9946504 A2 19990916; WO 9946504 A3 19991209

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