

Title (en)

Valve rotating device

Title (de)

Ventildrehvorrichtung

Title (fr)

Dispositif pour la rotation des soupapes

Publication

**EP 1227224 B1 20061018 (DE)**

Application

**EP 01127714 A 20011121**

Priority

DE 10103578 A 20010126

Abstract (en)

[origin: EP1227224A2] The valve rotating device has a base body with pockets for rolling bodies, with a cap acting as a rest for the valve spring and a dish spring. The base body (1) and the cap (5) are made from deformed sheet metal. The deformation may be limited to the functionally important surfaces of the components.

IPC 8 full level

**F01L 1/32** (2006.01); **F01L 3/10** (2006.01)

CPC (source: EP KR US)

**F01L 1/32** (2013.01 - EP KR US); **F01L 2303/00** (2020.05 - EP US)

Cited by

EP2382379A4; CN106030056A; WO2023030701A1

Designated contracting state (EPC)

DE FI FR GB IT SE

DOCDB simple family (publication)

**EP 1227224 A2 20020731**; **EP 1227224 A3 20030212**; **EP 1227224 B1 20061018**; DE 10103578 A1 20020814; DE 50111268 D1 20061130; JP 2002242620 A 20020828; KR 20020063101 A 20020801; US 2002100449 A1 20020801; US 6588391 B2 20030708

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**EP 01127714 A 20011121**; DE 10103578 A 20010126; DE 50111268 T 20011121; JP 2001372788 A 20011206; KR 20010076516 A 20011205; US 5861302 A 20020128