

Title (en)
Valve rotating device

Title (de)
Ventildrehvorrichtung

Title (fr)
Dispositif de rotation de soupape

Publication
EP 1148211 B1 20040804 (DE)

Application
EP 01109652 A 20010419

Priority
DE 10020071 A 20000422

Abstract (en)
[origin: EP1148211A2] The device has body with central bore, containing valve cone parts, and a valve spring cover with spring contact surface (2). Elements (7,8,9,10,11) between cover (1) and body (3) transmit the rotary spring movement occurring during relief movement of the spring, from the cover to the body. The cover has a toothed rim (8) concentric to the valve axis (19), with one-sided lock teething, which engages with locking ring (9). The ring is moveable in longitudinal valve direction and is connected to the body.

IPC 1-7
F01L 1/32

IPC 8 full level
F01L 1/32 (2006.01)

CPC (source: EP)
F01L 1/32 (2013.01)

Cited by
CN115030795A

Designated contracting state (EPC)
DE FI FR GB

DOCDB simple family (publication)
EP 1148211 A2 20011024; EP 1148211 A3 20021106; EP 1148211 B1 20040804; DE 10020071 A1 20011025; DE 50103061 D1 20040909

DOCDB simple family (application)
EP 01109652 A 20010419; DE 10020071 A 20000422; DE 50103061 T 20010419