

Title (en)

Double effect distribution sequential valve shaft.

Title (de)

Sequentieller Drehschieber mit doppelt wirkender Steuerung.

Title (fr)

Valve rotative séquentielle à distribution double effet.

Publication

EP 0579903 A1 19940126 (EN)

Application

EP 93105632 A 19930406

Priority

AR 32278592 A 19920720

Abstract (en)

A double-effect distribution sequential valve shaft (2) for use within a cylinder head cover (5) of internal combustion engines or other valve-type distribution systems, consisting of a rotating or partially rotating valve shaft (2) with perforations or openings (22) from side to side in the vertical plane and a perforated or holed jacket (1). An opening in the valve shaft will communicate through a hole in the jacket (20) with a hole in the cylinder head cover (24), twice at every turn of the valve shaft. As a result, one complete turn of the valve shaft is equivalent to four turns of the crankshaft, or two turns of the camshaft. The sequential valve shaft has good heat-dissipation properties. In addition, it replaces conventional valve mechanisms which consume a sizeable portion of the energy developed by the engine. <IMAGE>

IPC 1-7

F01L 7/02

IPC 8 full level

F01L 7/02 (2006.01); **F02B 1/04** (2006.01); **F02B 75/02** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)

F01L 7/026 (2013.01); **F02B 1/04** (2013.01); **F02B 2075/027** (2013.01); **F02B 2275/18** (2013.01); **F02F 7/006** (2013.01)

Citation (search report)

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