

Title (en)

Valve control to operate at least two poppet valves simultaneously for the exchange of gas in an internal combustion engine

Title (de)

Ventiltrieb für zumindest zwei gleichzeitig zu betätigende Hubventile für den Gaswechsel einer Brennkraftmaschine

Title (fr)

Commande de soupape pour commander au moins deux soupapes champignons simultanément pour le renouvellement des gaz dans un moteur à combustion interne

Publication

**EP 0678658 B1 19970611 (DE)**

Application

**EP 95105072 A 19950405**

Priority

DE 4413508 A 19940419

Abstract (en)

[origin: EP0678658A1] The valve drive is for at least two simultaneously operated lift valves (1, 2). A cam (21) of a camshaft (20) acts on a yoke (16) connected with the valve shafts (3, 26) of the simultaneously operated lift valves held by valve springs (11, 30) in their closed position to open the valves. The lift valve with their shafts are guided relatively to a cylinder head (5). The central axis of a first lift valve (1) of the simultaneously and commonly operated lift valve group crosses in front of the camshaft the camshaft central axis, whilst the central axes of the further lift valves (2) of the group cross the camshaft central axis behind the camshaft. <IMAGE>

IPC 1-7

**F01L 1/14**; **F01L 1/26**

IPC 8 full level

**F01L 1/14** (2006.01); **F01L 1/26** (2006.01); **F02F 1/24** (2006.01); **F02F 1/42** (2006.01)

CPC (source: EP)

**F01L 1/143** (2013.01); **F01L 1/26** (2013.01); **F02F 1/4214** (2013.01); **F02F 2001/247** (2013.01)

Designated contracting state (EPC)

AT DE FR GB

DOCDB simple family (publication)

**EP 0678658 A1 19951025**; **EP 0678658 B1 19970611**; AT E154413 T1 19970615; DE 4413508 A1 19951026; DE 59500303 D1 19970717

DOCDB simple family (application)

**EP 95105072 A 19950405**; AT 95105072 T 19950405; DE 4413508 A 19940419; DE 59500303 T 19950405