

Title (en)  
AIR VALVE COMBINED WITH A VALVE CHAMBER

Title (de)  
LUFTKLAPPENANORDNUNG IN VERBINDUNG MIT EINER VERTEILUNGSKAMMER

Title (fr)  
SYSTEME DE CLAPETS D'AIR COMBINES AVEC CHAMBRE DE DISTRIBUTION

Publication  
**EP 0760054 B1 19980304 (FR)**

Application  
**EP 95920147 A 19950517**

Priority  
• FR 9500639 W 19950517  
• FR 9406045 A 19940518

Abstract (en)  
[origin: WO9531634A1] According to the invention, the valve comprises a cylindrical body (21) in a housing (21), for receiving one end of a return spring while the end is in contact with the case. The valve also includes two ribs (22, 23) for connection to a sealing plate (25) contacting the inner surface of an annular chamber (27) above an opening (26) thereof. The annular chamber is arranged to shorten the distance between the valve and the corresponding transfer port. The air valve of the invention is for spark ignition engines, in particular two-stroke engines.

IPC 1-7  
**F01L 3/20**; **F02B 25/06**

IPC 8 full level  
**F01L 3/20** (2006.01); **F02B 25/06** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP US)  
**F01L 3/205** (2013.01 - EP US); **F02B 25/06** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**WO 9531634 A1 19951123**; DE 69501737 D1 19980409; DE 69501737 T2 19981022; EP 0760054 A1 19970305; EP 0760054 B1 19980304; FR 2720102 A1 19951124; FR 2720102 B1 19960719; JP H10500189 A 19980106; RU 2139994 C1 19991020; US 5894821 A 19990420

DOCDB simple family (application)  
**FR 9500639 W 19950517**; DE 69501737 T 19950517; EP 95920147 A 19950517; FR 9406045 A 19940518; JP 52942295 A 19950517; RU 96123922 A 19960517; US 73763296 A 19961118