

Title (en)

PNEUMATIC VALVE RETURN SYSTEM FOR INTERNAL COMBUSTION ENGINE

Title (de)

PNEUMATISCHES VENTIL-RÜCKSTELLSYSTEM FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)

SYSTEME DE RAPPEL PNEUMATIQUE DE SOUPAPE POUR MOTEUR A COMBUSTION INTERNE

Publication

**EP 0677138 B1 19981028 (FR)**

Application

**EP 94903917 A 19931228**

Priority

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- FR 9312913 A 19931029

Abstract (en)

[origin: US5664527A] A pneumatic valve recoil system includes a piston that is unitary with the stem of a valve and which slides in a cylinder, such that the piston, valve stem, and cylinder cooperate to form a chamber containing a compressible fluid. The chamber is connected through a single calibration port to an oil-evacuation and fluid-pressure-regulating system located outside the cylinder head of the engine.

IPC 1-7

**F01L 3/10**; **F01L 1/46**

IPC 8 full level

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