

Title (en)
Heat engine

Title (de)
Brennkraftmaschine

Title (fr)
Moteur à combustion interne

Publication
EP 0879936 B1 20020918 (EN)

Application
EP 98109104 A 19980519

Priority
IT TO970433 A 19970520

Abstract (en)
[origin: EP0879936A1] A heat engine comprising a plurality of cylinders (2) provided with one pair of inlet valves (5) and a pair of exhaust valves (4) and a valve control assembly (7) comprising, in turn, a camshaft (8) and, for each pair of corresponding valves, a rocker arm (9) controlled by a respective cam (10) of camshaft (8) and actuating said pair of valves by means of a cross-member (16), and a means (17) for adjusting the play in the kinematic chain present between each cam (10) and the associated pair of valves (4,5); the cross-member (16) comprises a control part (20) of the valves (4) and an arm (21) extending transversely from the control part (20) towards the outside of the associated cylinder (2), the valve control assembly (7) is accommodated in the cylinder head (6) in the vicinity of a free end (23) of the arm (21) of the cross-member (16) and is connected to this latter by an articulated coupling. <IMAGE> <IMAGE>

IPC 1-7
F01L 1/26; **F01L 1/18**; **F01L 1/24**

IPC 8 full level
F01L 1/18 (2006.01); **F01L 1/24** (2006.01); **F01L 1/26** (2006.01)

CPC (source: EP)
F01L 1/18 (2013.01); **F01L 1/2405** (2013.01); **F01L 1/26** (2013.01); **F01L 2305/00** (2020.05)

Designated contracting state (EPC)
CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0879936 A1 19981125; **EP 0879936 B1 20020918**; DE 69807979 D1 20021024; DE 69807979 T2 20030528; ES 2182176 T3 20030301; IT 1292324 B1 19990129; IT TO970433 A0 19970520; IT TO970433 A1 19981120

DOCDB simple family (application)
EP 98109104 A 19980519; DE 69807979 T 19980519; ES 98109104 T 19980519; IT TO970433 A 19970520