

Title (en)

Electromagnetic system to control the valves of an engine

Title (de)

Elektromagnetische Einrichtung zur Ventilbetätigung in einem Brennkraftmaschine

Title (fr)

Dispositif électromagnétique de commande de soupape pour moteur

Publication

EP 1296025 A1 20030326 (EN)

Application

EP 02020954 A 20020919

Priority

IT BO20010570 A 20010920

Abstract (en)

Electromagnetic system to control the valves (2) of an engine and having a control unit (11) and for each valve (2) a respective electromagnetic actuator (1) provided with a pair of electromagnets (8); each electromagnet (8) has a winding (17) which is provided with a power bobbin (13) and an auxiliary measurement bobbin (16), and a flexible connection cable (18), which is directly integrated in the respective winding (17) in order to connect the winding (17) itself to the control unit (11) electrically without further interpositions. <IMAGE>

IPC 1-7

F01L 9/04

IPC 8 full level

F01L 9/20 (2021.01)

CPC (source: EP US)

F01L 9/20 (2021.01 - EP US); **F01L 2009/2109** (2021.01 - EP)

Citation (search report)

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- [A] US 6247435 B1 20010619 - MUNZ DIETMAR [DE], et al
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- [A] DE 19948205 A1 20010412 - LEIBER HEINZ [DE]
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Designated contracting state (EPC)

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