

Title (en)
ELECTROMAGNETICALLY OPERATED VALVE

Title (de)
ELEKTROMAGNETISCH BETÄIGBARES VENTIL

Title (fr)
SOUPAPE A COMMANDE ELECTROMAGNETIQUE

Publication
EP 0900333 B1 20030507 (DE)

Application
EP 98902943 A 19980109

Priority

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Abstract (en)
[origin: DE19712590A1] The invention relates to an electromagnetically operated valve which has an axially displaceable valve needle (13), said valve needle comprising at least one armature (17) and one spherical valve closing body (18). Said armature (17) forms a closing body support which holds said valve closing body (18) with an end area (46) situated downstream, said end area (46) encompassing said valve closing body (18) in such a way that at least one channel (49) which is directly connected to a longitudinal bore (23) in said armature (17) is formed on the surface of said valve closing body (18). The valve is especially suitable for use in fuel injection devices of mixture-compressing internal combustion engines with externally supplied ignition.

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IPC 8 full level

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DOCDB simple family (publication)

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DOCDB simple family (application)

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