

Title (en)
ELECTROMAGNETIC VALVE.

Title (de)
ELEKTROMAGNETISCH BETÄTIGBARES VENTIL.

Title (fr)
SOUPAPE A COMMANDE ELECTROMAGNETIQUE.

Publication
EP 0683862 A1 19951129 (DE)

Application
EP 95900661 A 19941124

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Abstract (en)
[origin: US5732888A] PCT No. PCT/DE94/01392 Sec. 371 Date Aug. 9, 1995 Sec. 102(e) Date Aug. 9, 1995 PCT Filed Nov. 24, 1994 PCT Pub. No. WO95/16126 PCT Pub. Date Jun. 15, 1995An electromagnetically operable valve includes at least one component part, e.g. the armature, which possesses, prior to the application of a wear resistant coating, a wedged surface, which is in each case variably creatable in accordance with a magnetic and hydraulic optimum. The annular impact segment formed by the wedging possesses a defined impact face width or contact width which remains constant throughout the service life, since any wearing of the impact face does not lead, in continuous running, to an enlargement of the contact. The valve is particularly suitable for use in fuel injection systems of explosion-type, spark-ignition combustion engines.

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Citation (search report)
See references of WO 9516126A1

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WO02095215A1; DE102008031690B4; DE102008053310A1; WO2004051072A1; EP1155231B1; WO0144652A1; US6758419B2; US8020789B2; US8656591B2

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