

Title (en)
Solenoid valve apparatus

Title (de)
Magnetventil-Vorrichtung

Title (fr)
Dispositif d'électrovanne

Publication
EP 0527393 B1 19960327 (DE)

Application
EP 92112951 A 19920729

Priority
DE 9109976 U 19910812

Abstract (en)
[origin: EP0527393A1] In a solenoid valve apparatus (M) comprising at least two directional seat valves, lying side-by-side in a housing (6, 6', 42) and having one valve lifter (11, 12) each, and a plunger-type armature magnet (7, 7'), which is fastened to the housing with an armature stroke movement parallel to the direction of movement of the valve lifters (11, 12) parallel to one another, and the armature (15) of which can act upon both valve lifters (11, 12) together by means of a transverse part (24) to which the armature stroke movement can be transmitted by means of a stem (23) guided in the magnet core (17), the stem (23) forms with the transverse part (24) a one-piece, inverted-T-shaped transmission member (G) which is supported in a stable manner in the magnet core (17) and whose stem (23) can be acted upon directly by the armature (15). To relieve the magnet, one valve lifter (12) can be acted upon with a time-lag relative to the other valve lifter (11). <IMAGE>

IPC 1-7
F15B 13/044

IPC 8 full level
F15B 13/04 (2006.01); **F15B 13/044** (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP)
F15B 13/0405 (2013.01); **F15B 13/044** (2013.01); **H01F 7/1607** (2013.01)

Cited by
EP1564465A1; CN110719008A; DE102018117008A1; EP2535600A1; US7219697B2

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0527393 A1 19930217; EP 0527393 B1 19960327; AT E136099 T1 19960415; DE 59205820 D1 19960502; DE 9109976 U1 19911010

DOCDB simple family (application)
EP 92112951 A 19920729; AT 92112951 T 19920729; DE 59205820 T 19920729; DE 9109976 U 19910812