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Title: ELECTROMAGNET VALVE WITH GROOVE, PROVIDED WITH A PROJECTING SEAT EDGE, FOR LOCKING OF A SEALING ELEMENT

Abstract: An electromagnet valve comprising a housing with an axial bore which is flow-connected to at least one inlet port and an outlet port; a valve element which can be moved back and forth in the bore in the axial direction; at least one annular groove which is delimited by a groove wall which forms part of the housing or else the valve element; an annular sealing element 20 made of an elastomeric material which is received in the groove in a form-fitting manner; the valve element being movable between a closed position wherein the sealing element 20 rests against a first seat 26 so as to produce a seal and an open position where-in a throughflow opening is left free between the sealing element 20 and the first seat 26. A second seat 30 is provided and is embodied as an annular edge which protrudes from the groove wall and projects inward into the sealing element 20 which is received in the groove in a form-fitting manner.