

Title (en)  
ELECTROMAGNET

Title (de)  
ELEKTROMAGNET

Title (fr)  
ELECTROAIMANT

Publication  
**EP 1573212 A1 20050914 (DE)**

Application  
**EP 03789234 A 20031211**

Priority  
• DE 10259314 A 20021218  
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Abstract (en)  
[origin: WO2004055392A1] The invention relates to an electromagnet for actuating a valve. To this end, the electromagnet (28) comprises an armature (58), which can be axially displaced in an armature space (57, 77) and whose axial motion displaces a tappet (29) to the valve. The electromagnet is provided with reflux channel (71.1), which is connected to the armature space (57, 77) and via which the armature space (57, 77) is connected to a tank volume (25) in order to lead away a pressure medium leakage flow that is flowing out of the valve and into the armature space (57, 77).

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**F15B 21/04**; F15B 13/044

IPC 8 full level  
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Citation (search report)  
See references of WO 2004055392A1

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**WO 2004055392 A1 20040701**; DE 10259314 A1 20040715; DE 10259314 B4 20121129; DE 50303406 D1 20060622;  
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