

Title (en)  
LOCK AND KEY INCORPORATING A MAGNET

Title (de)  
SCHLOSS UND SCHLÜSSEL MIT MAGNET

Title (fr)  
MECANISME DE VERROUILLAGE ET CLE INTEGRANT UN AIMANT

Publication  
**EP 1497517 A4 20050302 (EN)**

Application  
**EP 02795409 A 20021216**

Priority  
• IL 0201011 W 20021216  
• IL 14721901 A 20011220

Abstract (en)  
[origin: WO03054330A2] The invention relates to cylinder locks which combine a mechanical - magnetic cylinder lock which can be manufactured in different configurations. The mechanical and magnetic cylinder lock and key, comprising, a rotor revolvable when the key is inserted, the rotor supporting a first plurality of axially movable mechanical tumbler pins and at least part of a magnetically-operated locking element. A stator body revolvably supporting the rotor, and supporting a second plurality of axially movable mechanical tumbler pins, and further supporting the remaining elements of the magnetically-operated locking element and a locking cam which projects from the lock body when the lock is in its locked position. The key is insertable in the rotor, and being provided with recesses for positioning the mechanical tumbler pins along a shear line, and carrying an inserted profiled magnet for opening the magnetically-operated locking element, characterized in that the magnet is located substantially at the key center line, along the key profile.

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Citation (search report)  
• [Y] DE 2702883 A1 19780727 - YMOS METALLWERKE WOLF & BECKER  
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• [Y] AT 371532 B 19830711 - GRUNDMANN GMBH GEB [AT]  
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• See references of WO 03054330A2

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