

Title (en)  
EXHAUST VALVE FOR INTERNAL COMBUSTION ENGINES

Title (de)  
AUSLASSVENTIL FÜR BRENNKRAFTMASCHINEN

Title (fr)  
SOUPAPE D'ECHAPPEMENT POUR MOTEURS A COMBUSTION INTERNE

Publication  
**EP 1023527 A1 20000802 (EN)**

Application  
**EP 98941935 A 19980826**

Priority

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- NO 973949 A 19970827

Abstract (en)  
[origin: WO9910630A1] An exhaust valve for internal combustion engines comprises a cylindrical valve stem (1) with a longitudinal cooling duct (2), and a circular, substantially disc-shaped head (3) securely connected to the valve stem (1), the head (3) having at least one cooling duct (4) which extends from the bottom (5) of the valve stem's cooling duct (2) to an outlet (6) on the head's surface (7), in order to conduct coolant through the valve stem (1), through the head (3) to exhaust gases from the engine. In the valve stem's cooling duct (2) there is inserted a cross section-reducing insert (8).

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**F01L 3/16**

IPC 8 full level  
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