

Title (en)  
Exhaust pressure control valve

Title (de)  
Abgasdrucksregelventil

Title (fr)  
Soupape de contrôle pour la pression des gaz d'échappement

Publication  
**EP 1371831 A1 20031217 (EN)**

Application  
**EP 03010205 A 20030506**

Priority  
JP 2002169881 A 20020611

Abstract (en)  
An exhaust pressure control valve (1) is provided with a relief valve chamber (20) having a relief body (21) integrally formed with a valve body (11). The relief valve chamber (20) is arranged in an orthogonal direction to a main passage of an exhaust gas, and a seat member (22) made of a stainless steel material or the like and having a relief valve seat (22a) is attached to the relief valve chamber in a side of the valve body (11). Further, within the relief valve chamber (20), there are arranged a relief valve body sliding guide (24) arranged by press fitting, a relief valve body (23) arranged so as to freely slide within the relief valve body sliding guide (24), a relief spring (25) energizing the relief valve body (23) to a side of the seat member (22), and a plug (26). Further, each of the elements arranged within the relief valve chamber (20) is inserted from an upper opening portion of the relief valve chamber (20) in one direction. <IMAGE>

IPC 1-7  
**F02D 9/06**; **F02D 9/10**

IPC 8 full level  
**F02D 9/06** (2006.01); **F16K 17/04** (2006.01)

CPC (source: EP)  
**F02D 9/06** (2013.01)

Citation (search report)

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