

Title (en)  
COMPRESSOR VALVE

Title (de)  
VERDICHTERVENTIL

Title (fr)  
SOUPAPE DE COMPRESSEUR

Publication  
**EP 0749531 A1 19961227 (DE)**

Application  
**EP 95916496 A 19950426**

Priority  

- AT 9500082 W 19950426
- AT 87794 A 19940427
- AT 32895 A 19950223

Abstract (en)  
[origin: WO9529338A1] A valve for reciprocating piston compressors designed without a stop for the valve reed (1) has a component (4) with several channels (10) arranged at the side of the valve seat plate (2) opposite to the valve reed (1). Each channel (10) of the component (4) is aligned with a throughflow opening (9) in the valve seat plate (2). The high speed level in the relatively narrow channels (10) of the component reduces the fluttering movements of the valve reed (1) and the speed at which the valve reed (1) hits the valve seat plate (2). The stroke of the valve reed (1) is exclusively limited by its suspension springs.

IPC 1-7  
**F04B 39/10**

IPC 8 full level  
**F04B 39/10** (2006.01)

CPC (source: EP)  
**F04B 39/1053** (2013.01); **F04B 39/1066** (2013.01)

Citation (search report)  
See references of WO 9529338A1

Designated contracting state (EPC)  
AT CH DE LI

DOCDB simple family (publication)  
**WO 9529338 A1 19951102**; AT E164426 T1 19980415; AU 2297995 A 19951116; DE 59501718 D1 19980430; EP 0749531 A1 19961227; EP 0749531 B1 19980325

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