

Title (en)
SAFETY VALVE

Title (de)
SICHERHEITSVENTIL

Title (fr)
SOUPAPE DE SECURITE

Publication
EP 1220993 A2 20020710 (DE)

Application
EP 00974333 A 20000928

Priority
• DE 0003376 W 20000928
• DE 19949874 A 19991015

Abstract (en)
[origin: DE19949874A1] The valve has two parallel distributing valves switchable by pilot valves (26a, 26b), with valve plates in bores (36a,36b) connected via crossed channels (46a,46b) connected to pilot control valve seats. Each valve has a compressed air-operated switching element at associated points for blocking the valve for different pressures at these points. The valve is only switched on again by external compressed air actuation of at least one element.

IPC 1-7
F15B 20/00

IPC 8 full level
F16K 31/42 (2006.01); **F15B 20/00** (2006.01); **F16K 17/04** (2006.01)

CPC (source: EP US)
F15B 20/001 (2013.01 - EP US); **Y10T 137/87209** (2015.04 - EP US)

Citation (search report)
See references of WO 0129429A2

Cited by
DE102009037120A1; DE102009037120B4; WO2011018152A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19949874 A1 20010426; **DE 19949874 B4 20040923**; DE 50007312 D1 20040909; EP 1220993 A2 20020710; EP 1220993 B1 20040804; ES 2223604 T3 20050301; JP 2003512579 A 20030402; JP 4643100 B2 20110302; US 6758241 B1 20040706; WO 0129429 A2 20010426; WO 0129429 A3 20010614

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