

Title (en)
Rupture disk switchover system

Title (de)
Umschaltvorrichtung für Berstscheiben

Title (fr)
Système de commutation pour disque de rupture

Publication
EP 1803991 A2 20070704 (EN)

Application
EP 06116304 A 20060629

Priority
US 32027105 A 20051227

Abstract (en)
A method of controlling pressure in a pressure vessel provides a valving arrangement that isolates one of a pair of rupture disks while subjecting the other to pressure of the pressure vessel. In an over pressure situation, one of the rupture disks ruptures. A sensor then detects a lowering of pressure, signaling a controller to activate a valve actuator. The valving arrangement then switches positions of a valving member so that the other rupture disk is immediately available to protect an over pressure situation of the pressure vessel.

IPC 8 full level
F17C 6/00 (2006.01)

CPC (source: EP)
F17C 13/06 (2013.01); **F17C 2205/0314** (2013.01); **F17C 2205/0326** (2013.01); **F17C 2250/043** (2013.01); **F17C 2260/021** (2013.01)

Cited by
EP3060832A4; GB2457488A; GB2457488B; GB2553217A; CN107763259A; GB2553217B; US10316980B2; US10174584B2; US10745991B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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