

Title (en)
Valves.

Title (de)
Ventile.

Title (fr)
Vannes.

Publication
EP 0216970 A1 19870408 (EN)

Application
EP 85306676 A 19850919

Priority
EP 85306676 A 19850919

Abstract (en)
There is disclosed a valve for closing a well bore to flow therethrough automatically in response to the loss of a controlled condition. The valve has springs 34,35 in which energy may be generated, in response to bleeding off of pressure above the closed valve. So long as the controlled condition is maintained, the return of a pressure balance across the closed valve will permit the release energy generated in one 35 of the springs to open the valve. The loss of the controlled condition released further energy generated in the other spring 34 to close the valve.

IPC 1-7
E21B 34/06; **E21B 34/08**; **F16K 31/122**

IPC 8 full level
E21B 34/06 (2006.01); **E21B 34/08** (2006.01)

CPC (source: EP)
E21B 34/06 (2013.01); **E21B 34/066** (2013.01); **E21B 34/08** (2013.01)

Citation (search report)
• [A] US 4191248 A 19800304 - HUEBSCH DONALD L [US], et al
• [A] US 3814181 A 19740604 - YOUNG D
• [A] US 2951536 A 19600906 - GARRETT HENRY U
• [A] US 4373582 A 19830215 - BEDNAR JOHN M, et al
• [A] US 4073341 A 19780214 - PARKER WILLIAM H

Cited by
US5343963A

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0216970 A1 19870408; **EP 0216970 B1 19920708**; DE 3586323 D1 19920813

DOCDB simple family (application)
EP 85306676 A 19850919; DE 3586323 T 19850919