

Title (en)
FLUIDIC SYSTEM WITH A SAFETY FUNCTION

Title (de)
FLUIDTECHNISCHES SYSTEM MIT SICHERHEITSFUNKTION

Title (fr)
SYSTEME FLUIDIQUE A FONCTION DE SECURITE

Publication
EP 1266147 B1 20050309 (DE)

Application
EP 01923550 A 20010120

Priority
• DE 10006367 A 20000212
• EP 0100624 W 20010120

Abstract (en)
[origin: US6769250B2] A fluid control system for security relevant control and a fluid control actuator, a local control means for a fluid control system, a software module for a local control means of a fluid control system and a method for the operation of a fluid control system. The fluid control actuator (10) is controlled by control instrumentality means (30) of a local control means (50). A sensor (16, 17, 27, 41 and 42) transfers information concerning operational states of the fluid control system to the local control means (50). For this purpose there is a provision such that the local control means (50) determines from such information whether there is a security relevant situation and if necessary performs a predetermined function. The security relevant functions are integrated in the fluid control system so that same is able to be employed as prefabricated unit.

IPC 1-7
F15B 20/00; **F15B 19/00**; **G05B 19/00**

IPC 8 full level
F15B 21/02 (2006.01); **F15B 19/00** (2006.01); **F15B 20/00** (2006.01); **G05B 19/00** (2006.01); **G05D 16/00** (2006.01)

CPC (source: EP US)
F15B 19/005 (2013.01 - EP US); **F15B 20/008** (2013.01 - EP US)

Cited by
DE102017109291B4; DE102014006357B3; DE102015015626B4; DE102017106428A1; WO2015165561A1; US10066651B2;
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