Title (en)
  Fail-freeze device for positioner

Title (de)
  Fail-Freeze-Vorrichtung für Stellungsregler

Title (fr)
  Dispositif à mémoire de position en cas de panne pour positionneur

Publication
  EP 2541074 A1 20130102 (EN)

Application
  EP 11425167 A 20110628

Priority
  EP 11425167 A 20110628

Abstract (en)
  A fail-freeze valve positioner system is disclosed. The system has a transducer with a first type output port connectible to a valve actuator, and a second type input port receptive to a valve position signal that is proportional to an output of the first type output port. In addition, the system has a monitoring circuit that generates a pilot activation signal while predefined conditions are met. A primary piloted valve in communication with the monitoring circuit is coupled to the first valve. The first type output port is disconnected from the valve actuator while the pilot activation signal and thus the first valve are deactivated, holding the valve actuator in place.

IPC 8 full level
  F15B 20/00 (2006.01)

CPC (source: EP)
  F15B 20/002 (2013.01); F15B 2211/30515 (2013.01); F15B 2211/329 (2013.01); F15B 2211/6336 (2013.01); F15B 2211/6355 (2013.01); F15B 2211/665 (2013.01); F15B 2211/87 (2013.01); F15B 2211/8752 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
  AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
  BA ME

DOCDB simple family (publication)
  EP 2541074 A1 20130102; **EP 2541074 B1 20190619**

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  EP 11425167 A 20110628