

Title (en)

PROCESS AND APPARATUS TO SUPPLY A PRESSURE FLUID WHICH IS PUMPED WITH A VARIABLE PRESSURE

Publication

EP 0048342 A3 19831123 (DE)

Application

EP 81106473 A 19810820

Priority

CH 692480 A 19800916

Abstract (en)

[origin: EP0048342A2] 1. A method for supplying a pressurized medium, preferably an injection medium, to at least one consumer site, preferably an injection site, at a pressure not exceeding a reference value, comprising moving the pressurized medium at varying pressure by means of a regulatable pump device, and generating measuring value signals from the momentarily prevailing pressure of the pressurized medium, characterized by the fact that the maximum pressure value arisen within a predetermined time interval is determined from the measuring value signals within said interval, that an actual value is derived from that pressure value and a comparison value derived from at least one maximum value for a preceding time interval which has been determined in the above mentioned manner, and that regulation signals for the pump device are generated by virtue of a comparison of the actual values and a reference value.

IPC 1-7

E21B 47/00; G05D 16/20; F04B 49/00; E21B 33/138; E21B 47/06; E21D 11/38

IPC 8 full level

E21B 33/138 (2006.01); **E21B 47/00** (2012.01); **E21B 47/06** (2012.01); **E21D 9/00** (2006.01); **E21D 11/38** (2006.01); **F04B 49/00** (2006.01); **F04B 49/06** (2006.01); **G05D 16/20** (2006.01)

CPC (source: EP US)

E21B 33/138 (2013.01 - EP); **E21B 47/00** (2013.01 - EP US); **E21B 47/06** (2013.01 - EP); **E21D 9/001** (2013.01 - EP); **F04B 49/06** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

EP 0048342 A2 19820331; **EP 0048342 A3 19831123**; **EP 0048342 B1 19851030**; AT E16301 T1 19851115; CH 648423 A5 19850315; DE 3172773 D1 19851205

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