

Title (en)

Method for operating a double pump or multi pump assembly

Title (de)

Verfahren zum Betrieb eines Doppelpumpen- oder Multipumpenaggregates

Title (fr)

Procédé de fonctionnement d'un agrégat de pompes doubles ou multipompes

Publication

EP 2469094 B1 20161019 (DE)

Application

EP 11009716 A 20111208

Priority

DE 102010055841 A 20101223

Abstract (en)

[origin: EP2469094A2] The method involves operating a pump assembly (1) either with two pumps (2a, 2b) or with one pump based on upper and lower limit values of an operating parameter. A value of the operating parameter is stored as a reference value, and volume flow conveyed by one of the pumps is reduced. Assigning of operating points to load areas is carried out based on reaction of another pump, where the upper or lower limit value is replaced by the reference value. Power received by the pump assembly in a synchronous operation is determined and stored as reference power. Independent claims are also included for the following: (1) a computer program with instructions for executing a method for operating a pump assembly (2) a pump assembly comprising two pumps.

IPC 8 full level

F04D 15/02 (2006.01)

CPC (source: EP)

F04D 15/029 (2013.01)

Cited by

DE102014222962A1; DE102017223189A1; CN104619991A; CN113915117A; CN114279068A; CN111465771A; RU2740387C1; US2019017513A1; CN109253094A; CN113944636A; US9816509B2; WO2019121753A1; US10801503B2; EP3428452A1; CN109253092A; RU2689261C1; EP3428453A1; US2019017511A1; CN109253093A; RU2698560C1; US10801504B2; US10794384B2; WO2014040627A1; EP3428453B1

Designated contracting state (EPC)

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