

Title (en)
Method and system to control fuel injection

Title (de)
Verfahren und System zur Steuerung einer Kraftstoffeinspritzung

Title (fr)
Procédé et système pour réguler l'injection de carburant

Publication
EP 2770188 A1 20140827 (EN)

Application
EP 13156212 A 20130221

Priority
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Abstract (en)
A method of operating/controlling fuel injectors in an engine comprising n cylinders, where said fuel injectors are operated by a plurality of banks, m, and where the number of banks, m, is less than the number of fuel injectors, n, comprising, assigning of each of said banks to a particular cylinder, and assigning at least two banks to the remaining (n-m) cylinders. The engine may comprise 3 cylinders, and use a first and a second bank, the first bank being assigned to the first cylinder, the second bank being assigned to the second cylinder, and both of said banks being assigned to the third cylinder. A first injection pulse from a first bank may be applied to one or more fuel injectors of a cylinder during a first period and applying at least a second injection pulse in said second period to the one or more fuel injectors of said same cylinder. A long pulse may thus be split and shared.

IPC 8 full level
F02D 41/20 (2006.01)

CPC (source: EP)
F02D 41/20 (2013.01); **F02D 2041/2082** (2013.01)

Citation (search report)

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