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(72) Inventors:
 • **Collins, Laurence A.D.**
6792 Rachecourt (BE)
 • **Fromentin, Sylvie F.**
8447 Steinfort (LU)

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(74) Representative: **Beissel, Jean**
Office Ernest T. Freylinger S.A.,
234, route d'Arlon,
B.P. 48
8001 Strassen (LU)

(71) Applicant: **Delphi Technologies, Inc.**
Troy, MI 48007 (US)

(54) **Device for exhaust gas recirculation**

(57) An exhaust gas recirculation device comprises an exhaust gas recirculation conduit for feeding exhaust gases to an intake air channel of said engine, an exhaust gas recirculation valve arranged in said exhaust gas recirculation conduit for controlling the amount of exhaust gases fed into said intake air channel, and an exhaust gas cooler arranged in said exhaust gas re-circulation

conduit for cooling the exhaust gas fed into said intake air channel, said exhaust gas cooler comprising a cooling circuit for a cooling fluid. According to the invention, the exhaust gas recirculation valve comprises at least one cooling circuit for a cooling fluid, said cooling circuit of said exhaust gas recirculation valve being connected to said cooling circuit of said exhaust gas cooler.

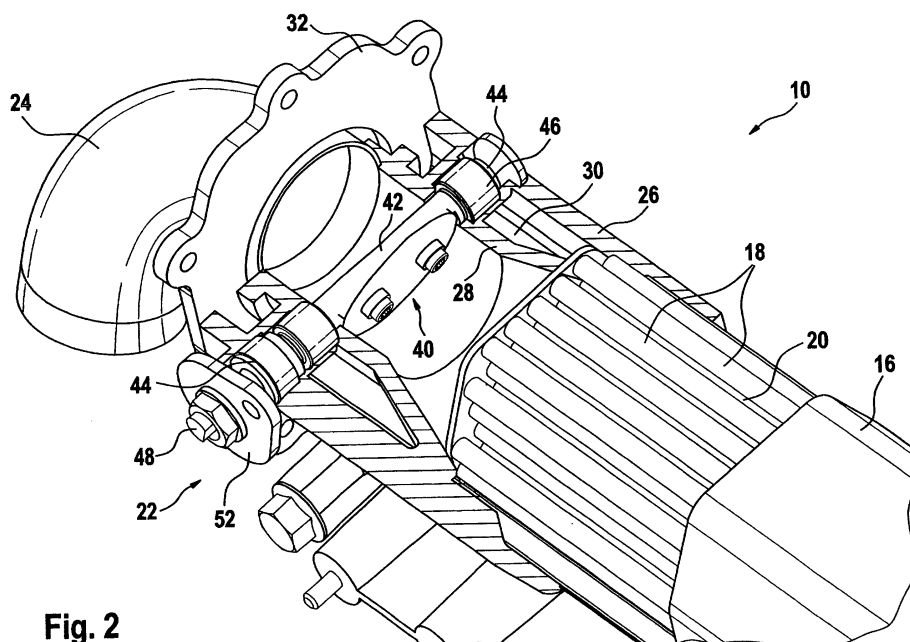


Fig. 2



European Patent
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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 September 2003	Examiner Van Zoest, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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