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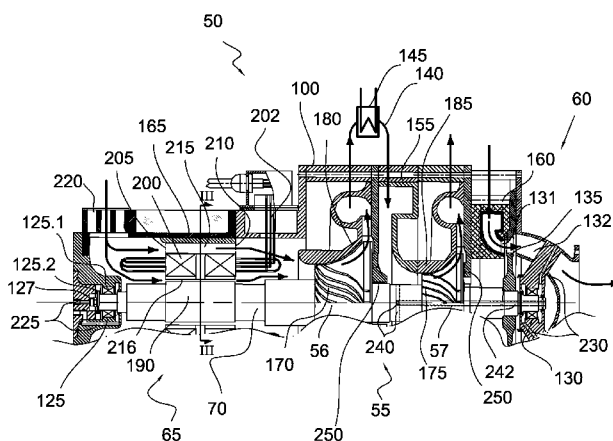


Fig. 3

(57) Abstract: The present invention relates to a supercharger arrangement (50) comprising a compressor section (55) and an electric machine (65) coupled to a same shaft (70). The electric machine is provided with at least one flow channel (215, 216) for gas, and the suction conduit of the compressor section is arranged in flow connection with the gas flow channel (215, 216) of the electric machine (65) so that suction air for the compressor section is arranged to pass through said at least one gas flow channel.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. F02B37/10 F02B39/00 F02B39/16 F02C6/12 F01D15/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

F02B F01D F02C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 2002/040581 A1 (FINGER HELMUT [DE] ET AL FINGER HELMUT [DE] ET AL) 11 April 2002 (2002-04-11)	1-4, 7-8, 15
Y	paragraphs [0026], [0027], [0028]; claims 1, 6, 13, 14; figure 2	9-10, 14
X	& EP 1 182 346 A2 (DAIMLER CHRYSLER AG [DE]) 27 February 2002 (2002-02-27)	1-4, 7-8, 15
Y	paragraphs [0024] - [0026]; claims 1, 6, 13, 14; figure 2	9-10, 14
Y	US 5 605 045 A (HALIMI EDWARD M [US] ET AL) 25 February 1997 (1997-02-25) column 4, lines 29-45; figures 1-3	9-10, 14
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☒ Further documents are listed in the continuation of Box C.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 6 305 169 B1 (MALLOF RALPH P [US]) 23 October 2001 (2001-10-23) abstract; figures 1,8	1-2,5-8, 15

INTERNATIONAL SEARCH REPORT

Information on patent family members

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