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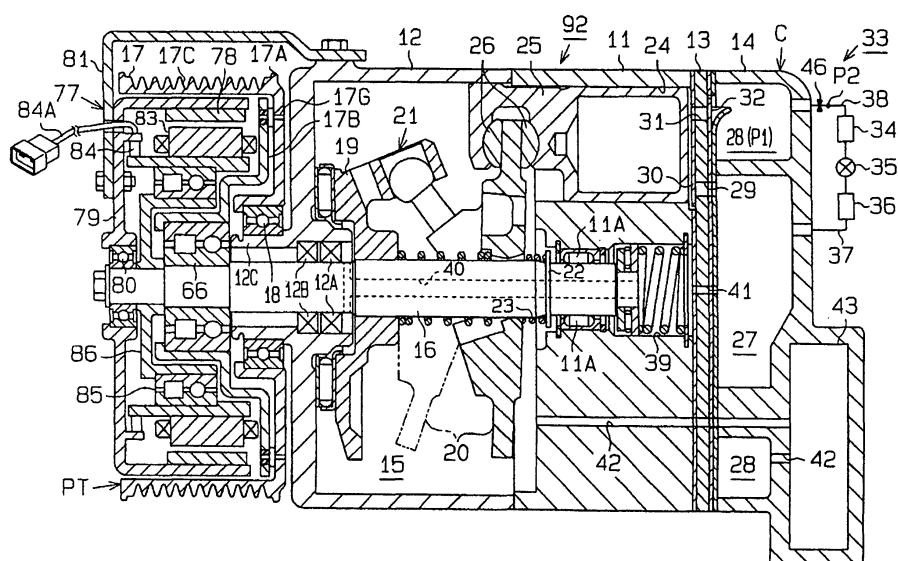
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(54) **Rotary machine for vehicle**

(57) A rotary machine for a vehicle has a housing, a pressure exerting mechanism, a rotary shaft, a rotary body, a power transmission clutch assembly and an electric motor. The rotary machine is selectively driven by the electric motor and an external drive source. The mechanism is located in the housing. The rotary shaft is rotatably supported by the housing, and one end of the rotary shaft protrudes from the housing. The rotary

body is coaxially located on the rotary shaft on the protrusion side and is operatively connected to the rotary shaft. The rotary body forms a cylinder having an open end at one end and a closed surface at the other end, and the closed surface is adjacent to the housing. The power transmission clutch assembly is placed between the rotary body and the rotary shaft. The electric motor is at least partially located in the cylinder.

FIG. 2





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EUROPEAN SEARCH REPORT

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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 5 September 2003	Examiner Wassenaar, G
CATEGORY OF CITED DOCUMENTS 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 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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