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Degler et al.

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(54) **FORCE TRANSMISSION DEVICE IN PARTICULAR FOR POWER TRANSMISSION BETWEEN A DRIVE ENGINE AND AN OUTPUT**

(51) **Int. Cl.**
F16D 3/14 (2006.01)
F16F 15/10 (2006.01)

(52) **U.S. Cl.** 60/338; 192/30 V
(58) **Field of Classification Search** 60/338; 192/30 V

See application file for complete search history.

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Related U.S. Application Data

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(30) **Foreign Application Priority Data**

Nov. 29, 2007 (DE) 10 2007 057 448

(57) **ABSTRACT**

A force transmission device, in particular or power transmission between a drive engine and an output, comprising a damper assembly with at least two dampers, which can be connected in series, and a rotational speed adaptive absorber, wherein the rotational speed adaptive tuned mass damper is disposed between the dampers at least in one force flow direction through the force transmission device.

29 Claims, 7 Drawing Sheets

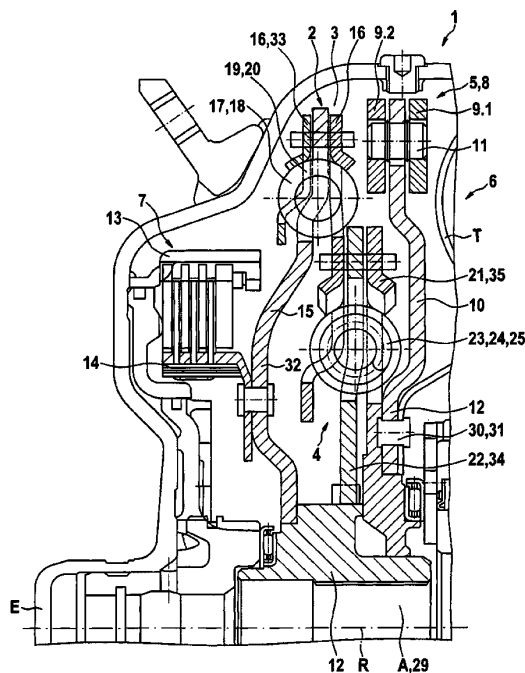


Fig. 1a

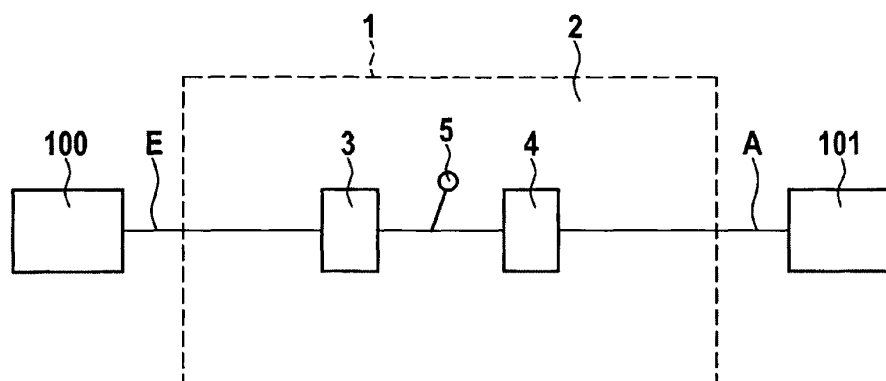


Fig. 1b

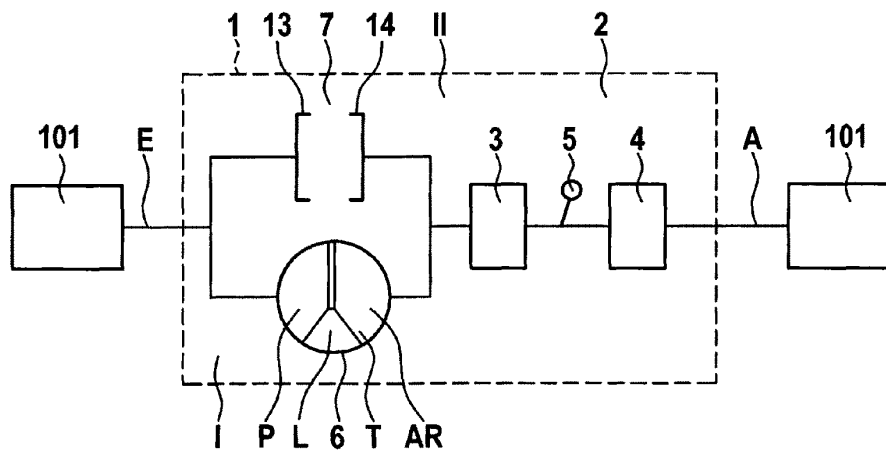


Fig. 1c

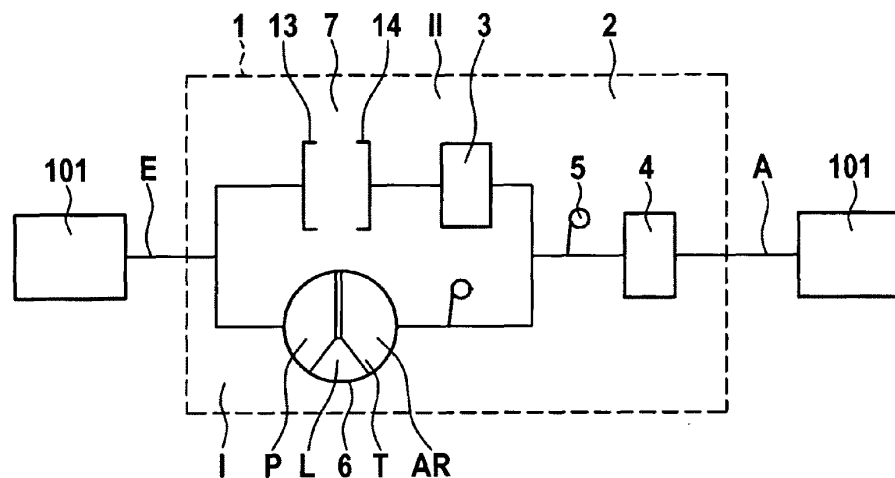


Fig. 1d

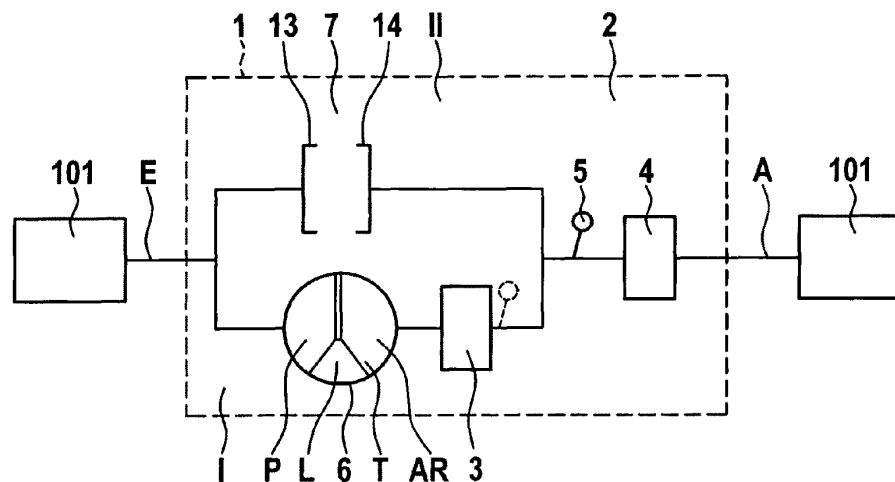


Fig. 2

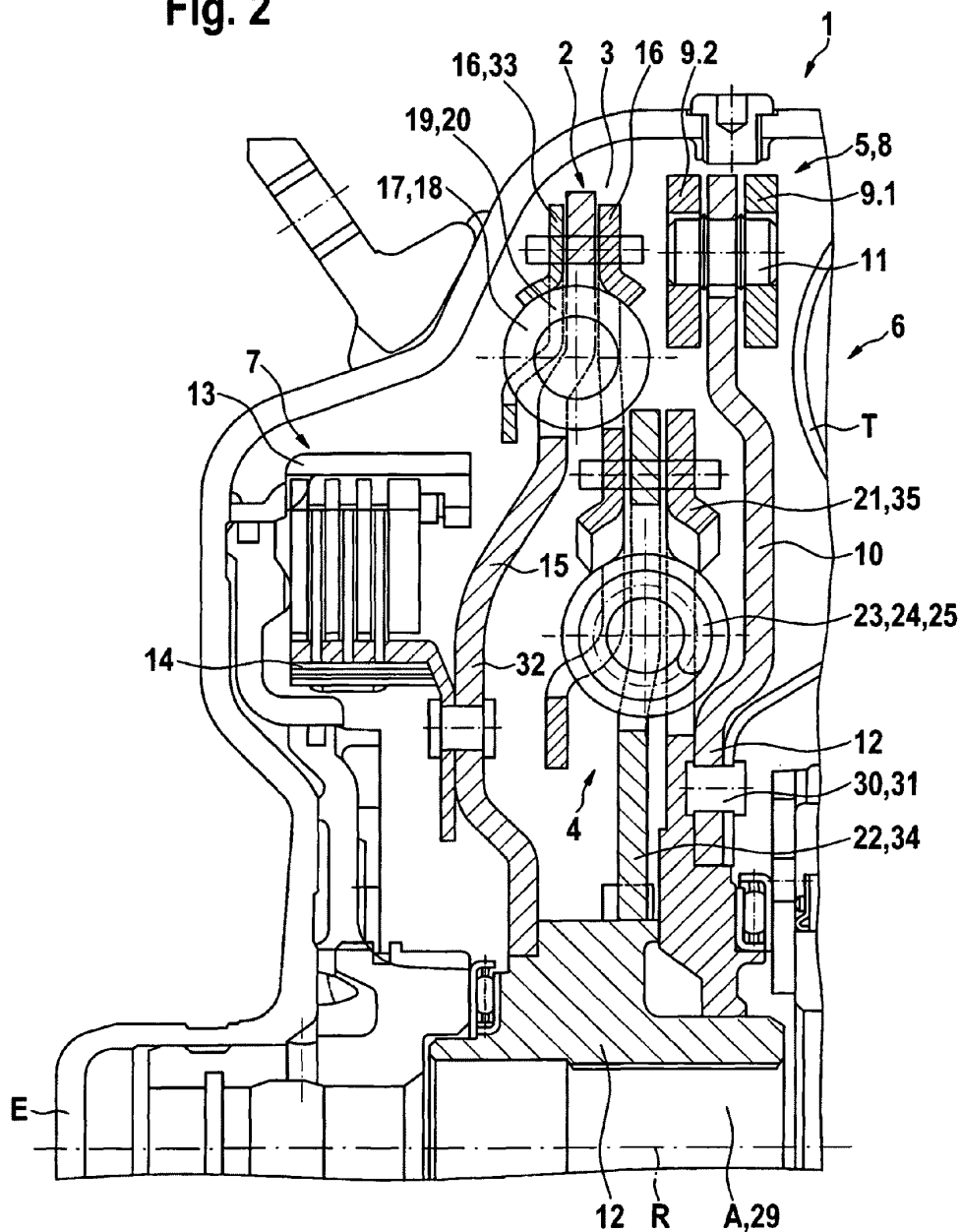


Fig. 3

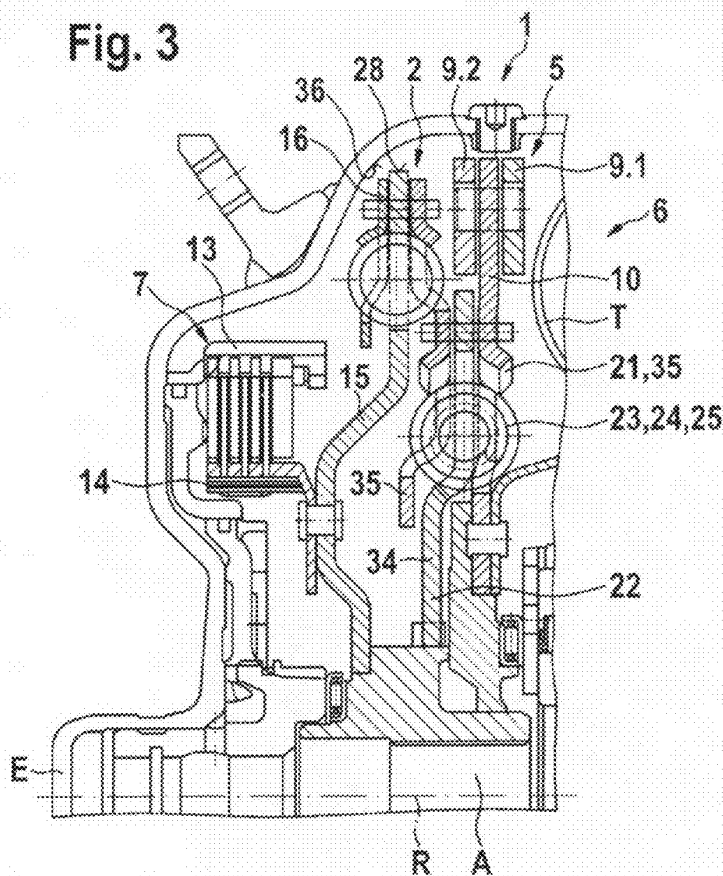
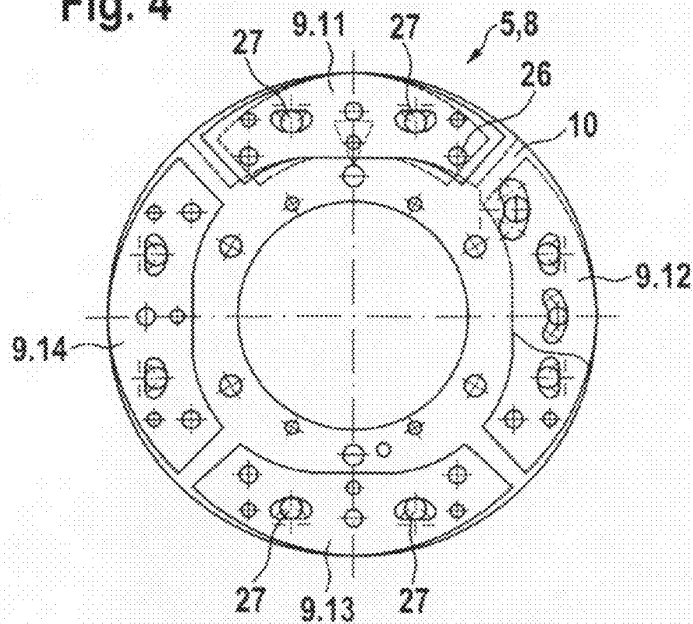


Fig. 4



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