

Title (en)
ELECTROMECHANICAL SYSTEM FOR RECOVERING KINETIC ENERGY

Title (de)
ELEKTROMECHANISCHES SYSTEM ZUR RÜCKGEWINNUNG KINETISCHER ENERGIE

Title (fr)
SYSTÈME ÉLECTROMÉCANIQUE DE RÉCUPÉRATION D'ÉNERGIE CINÉTIQUE

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Application
EP 14828256 A 20141219

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Abstract (en)
[origin: WO2015092320A1] The invention relates to an electromechanical system (10) for recovering kinetic energy for a vehicle, comprising: a first mechanical coupling to the wheels (30) of the vehicle; a second mechanical coupling to a flywheel (11); a third mechanical coupling to a reversible electric motor/generator machine (12); and at least one planetary gear train (20), of which the sun gears, the ring gear and the planet carrier are connected to the aforementioned couplings via, for at least one of same, a coupling system (40) having at least two ratios selected according to the power flows between the wheels of the vehicle, the flywheel and the electric machine.

IPC 8 full level
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Citation (search report)
See references of WO 2015092320A1

Citation (examination)
• WO 2009010819 A1 20090122 - RENAULT TRUCKS [FR], et al
• US 4588040 A 19860513 - ALBRIGHT JR HAROLD D [US], et al
• DE 102007033577 A1 20090122 - PORSCHE AG [DE]

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