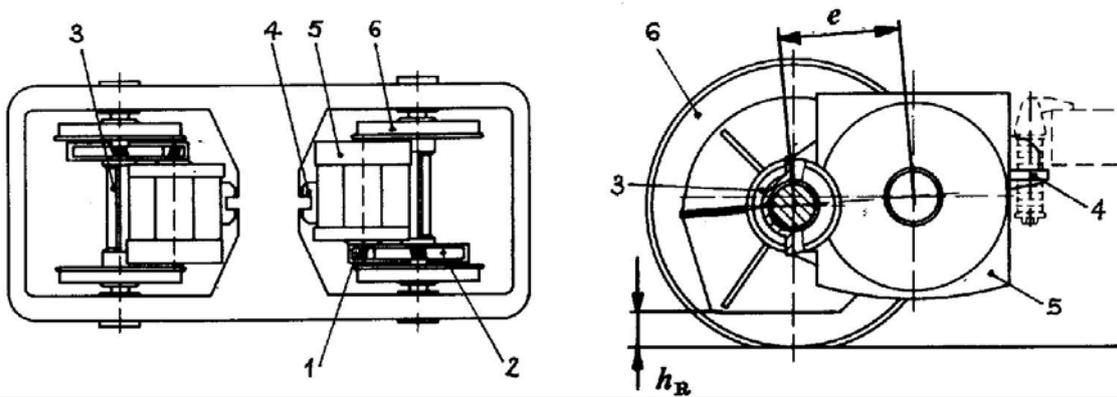
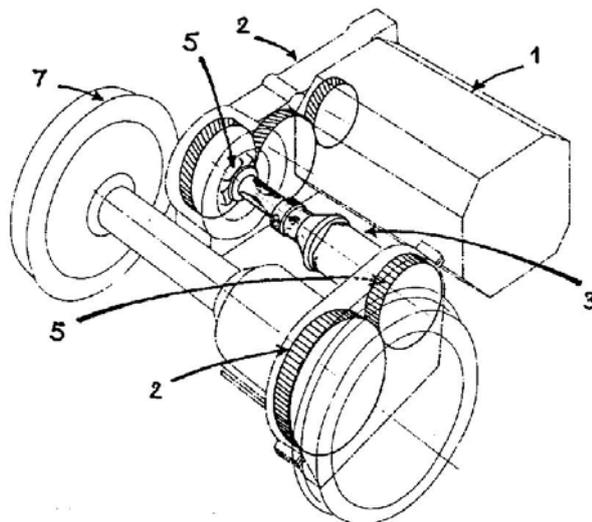


5.2 – 5.6 Chosen examples



1 pinion	5 motor
2 cog wheel	6 axle
3 bearing	e meshing distance
4 fixation at frame (nose)	h_R space under carter

Fig. 5.2 Nose-suspended motor.



1 motor (fixed under body)	5 cardan
2 right gear	7 axle
3 slide shaft	

Fig. 5.30A Transmission TGV.

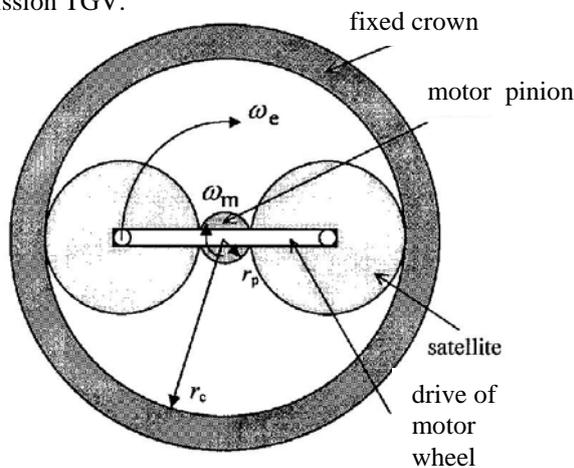
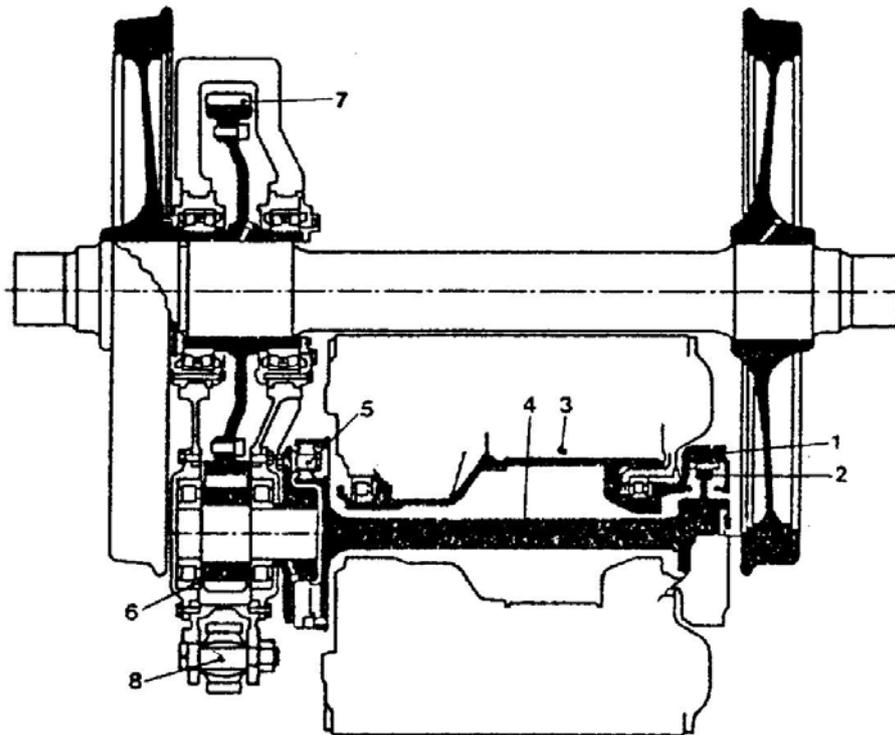
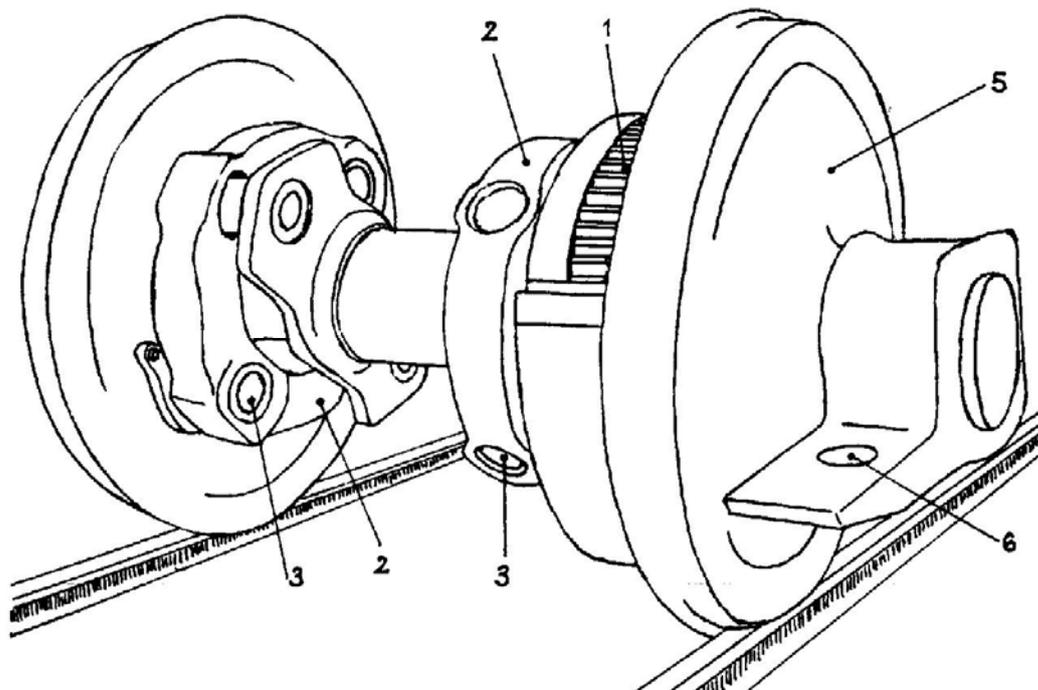


Fig. 5.32A Planetary gear.



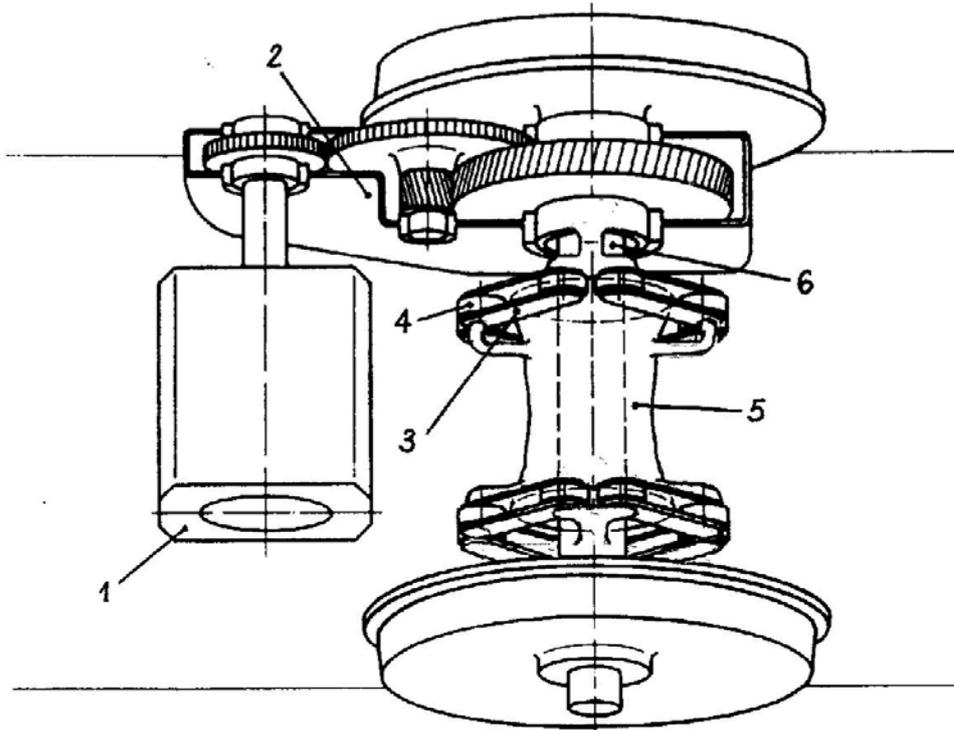
1 cog coupling in oilbox	5 cardan with rubber joints
2 pinion	6 pinion of gear
3 hollow rotor	7 great cog wheel of gear
4 torsion shaft	8 nose suspension of the carter

Fig. 5.23 Transmission ASEA.



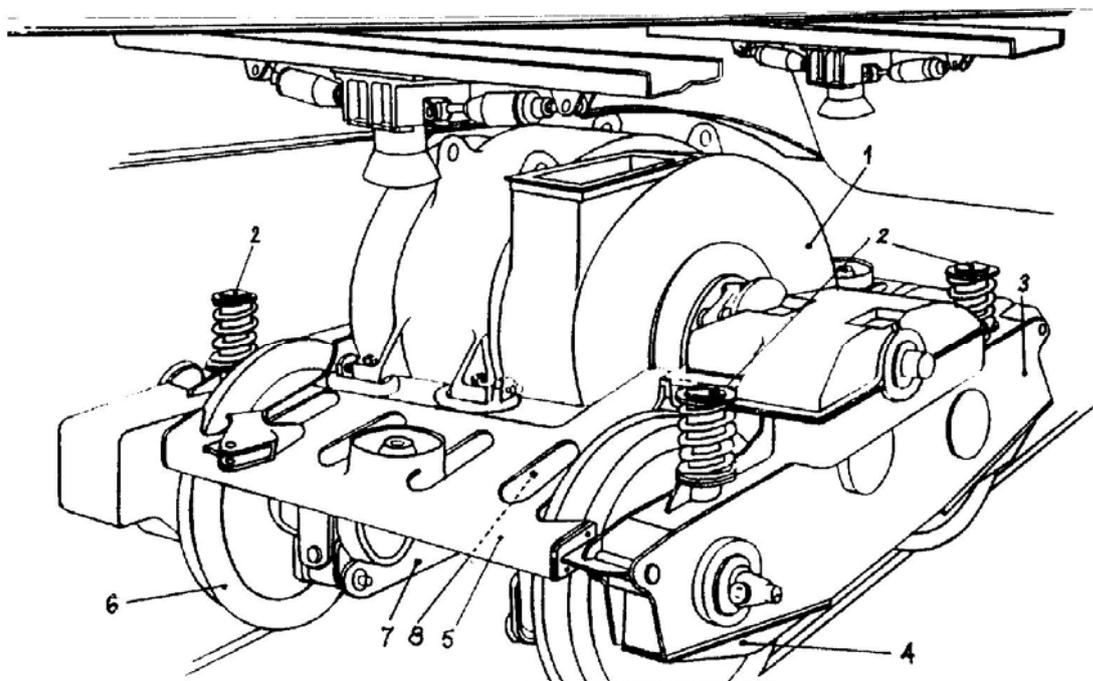
1 great cog wheel of gear	4 hollow shaft
2 ring	5 axle
3 patella	6 place of primary suspension

Fig. 5.24 Transmission Jacquemin.



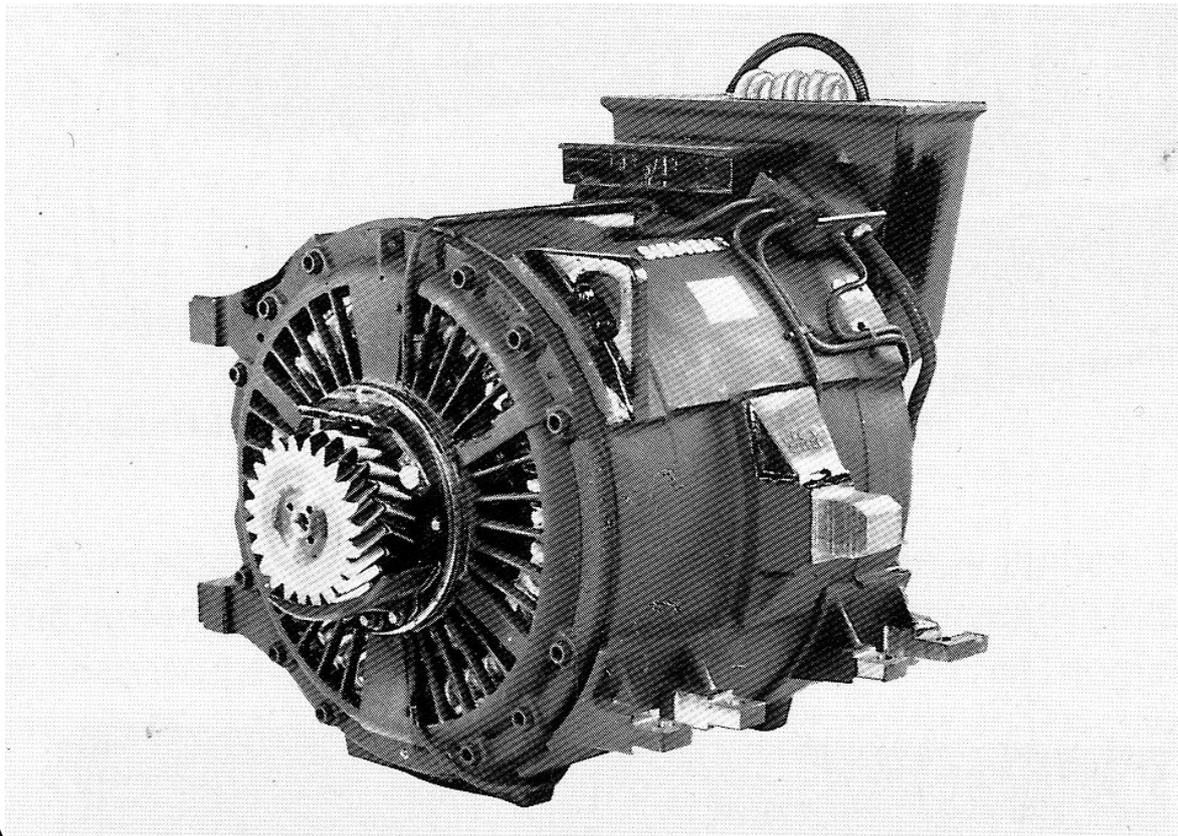
1 motor	4 rubber joint
2 gear	5 hollow shaft
3 rods	6 axle shaft

Fig. 5.25 Articulated transmission with rubber joints (ABB, BBC, Hurth, Kaelble-Gmeinder, Krauss-Maffei).

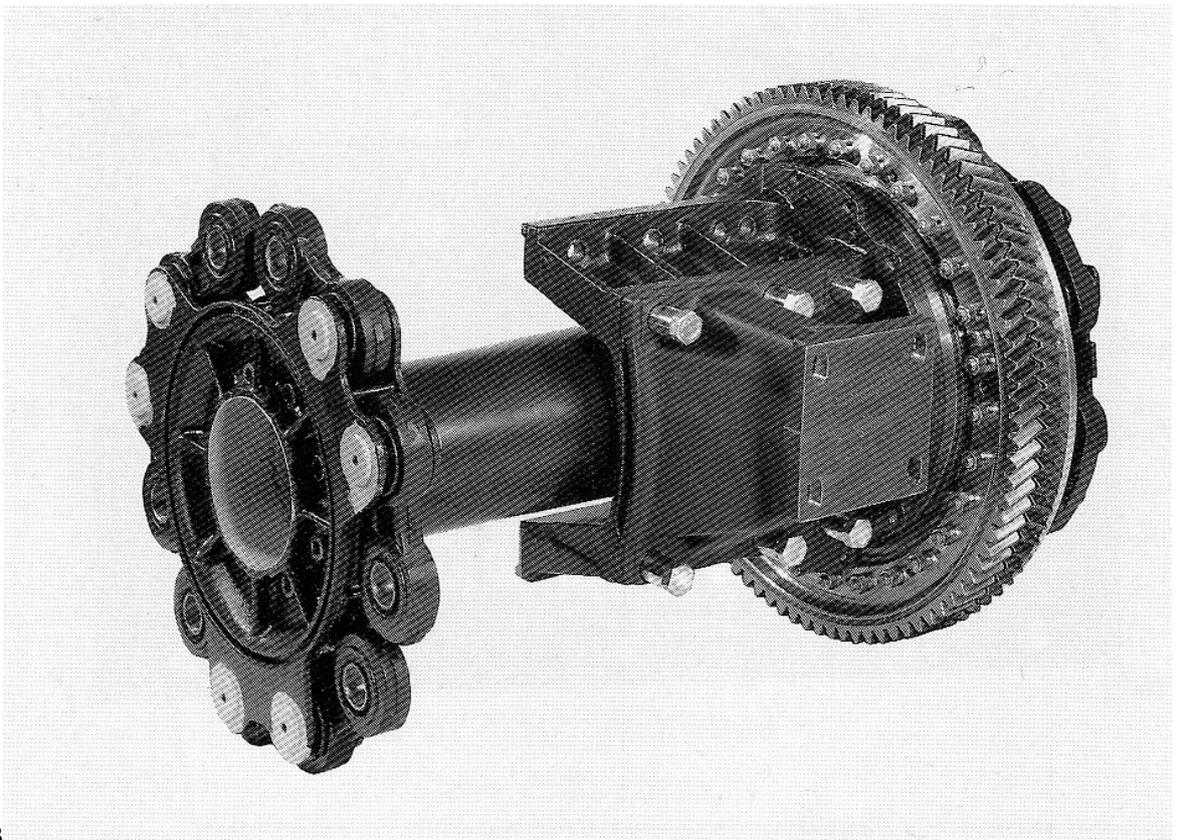


1 motor	5 bogie frame
2 secondary suspension	6 axle
3 carter of gear	7 axle boxes joined by spars
4 dancing ring	8 primary suspension

Fig. 5.27 Single-motor bogie (SNCF: BB 8500).



A



B

A Motor and pinion. On the right, fixing at the center crossing of the bogie frame.

B Great cog wheel, hollow shaft and rod cardan. On the right, fixing at the external crossing of the bogie frame.

Fig. 5.35 Example of hollow shaft: *Krauss-Maffei*.