

Title (en)  
DRIVE MECHANISM FOR THE DRIVE AXLES OF RAILWAY VEHICLES

Publication  
**EP 0085022 B1 19850918 (DE)**

Application  
**EP 83730003 A 19830110**

Priority  
DE 3202811 A 19820126

Abstract (en)  
[origin: EP0085022A1] 1. A drive assembly for the driving axles of railway vehicles having an electric traction motor (1) which is arranged in the longitudinal direction of the railway vehicle and whose torque is transmitted to the driving axle (3) by means of gears (2) and couplings (5), wherein the housings which accommodate the stator (11) of the traction motor, the bearing and the gears, are connected to one another and apertures for the passage of the driving axle are arranged in on housing component, wherein a hollow carrier (8) is used as a common housing for all driving components, which hollow carrier has suitable assembly intersections for inserting the driving components and in the wall of which carrier cooling channels (10) formed by ribs (9) or recesses, are arranged, and wherein at one or both end faces of the hollow carrier (8), a separate ventilator (12) is arranged which supplies the end openings (14) of the cooling channels (10) of the hollow carrier (8) with cooling air.

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IPC 8 full level  
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CPC (source: EP)  
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