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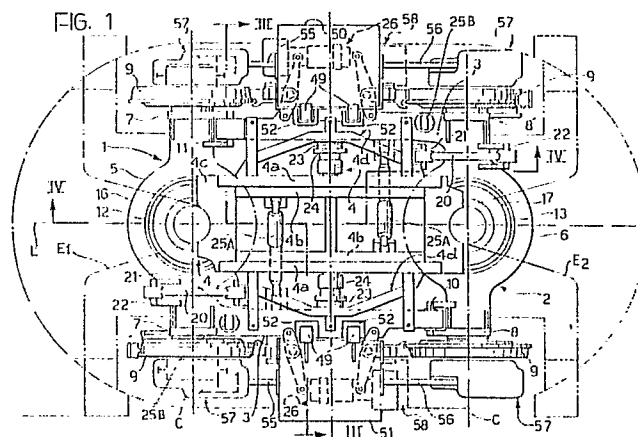
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54 **Twin-engined central bogie for low-floored rail vehicles with two or more articulated bodies.**

57 A twin-engined two-axled central bogie for railway and for tramway vehicles with two or more articulated bodies, including two cross members (1, 2) carrying the wheels (9) and pivotably interconnected by means of two side members (3), and a central longitudinal structure (4) whose ends (4c) rest on two pneumatic springs (12, 13) carried by respective central platforms (5, 6) formed by the cross members. The central structure carries means for the articulated connection of the articulating ends (E₁, E₂) of the bodies of the vehicle, and there are provided tie means (20) for connecting the two cross members to this structure in order to prevent longitudinal movement, as well as lateral restraining means (23, 24) for limiting transverse movement.

Two drive motors (50, 51), situated at the sides of the bogie and resiliently connected to the side members, drive the wheels (9) of the respective sides through longitudinal drive-shafts (55, 56) and geared reduction units (57).

A differential (58) may be coupled to each motor to divide the drive between the wheels on the respective side.





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EUROPEAN SEARCH REPORT

Application Number

EP 87 83 0327

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|--|---|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| Y | EP-A-0 181 295 (FIAT FERROVIARIA SAVIGLIANO S.p.A.) * Whole document * | 1 | B 61 F 3/04 B 61 F 3/12 B 61 F 5/52 B 61 F 3/16 B 61 D 13/00 B 61 C 9/52 |
| A | --- | 3-8 | |
| Y | US-A-3 014 433 (F. DURAND) * Figures 1-4; column 1, lines 34-40; column 2, line 54 - column 3, line 14 * | 1 | |
| A | ----- | 2 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl.4) |
| | | | B 61 F B 61 D B 61 C |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 05-08-1988 | Examiner CHLOSTA P. |
| 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 | |