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(54) **Motive axle system with movable wheels for railway vehicles**

(57) A motive axle system with movable wheels for railway vehicles comprising a short axle (E) whose journal (1) is mounted on a first bearing (2); a tubular part (4) which has a wheel (R) at one of its ends and has an end area with an outer straight-toothed gearing (5'); a second bearing (7) attached to the tubular part (4), with axial bearings (8) on each side of the same; a box (9) which houses said bearings (7, 8), provided with protuberances (10) for co-operating with the rods of a bolt which immobilises the wheel (R) in positions corresponding to the different track gauges; and a hollow axle floating system (H) to transmit the drive of a traction motor by means of a bevel gear assembly and thus to make the wheel (R) turn.

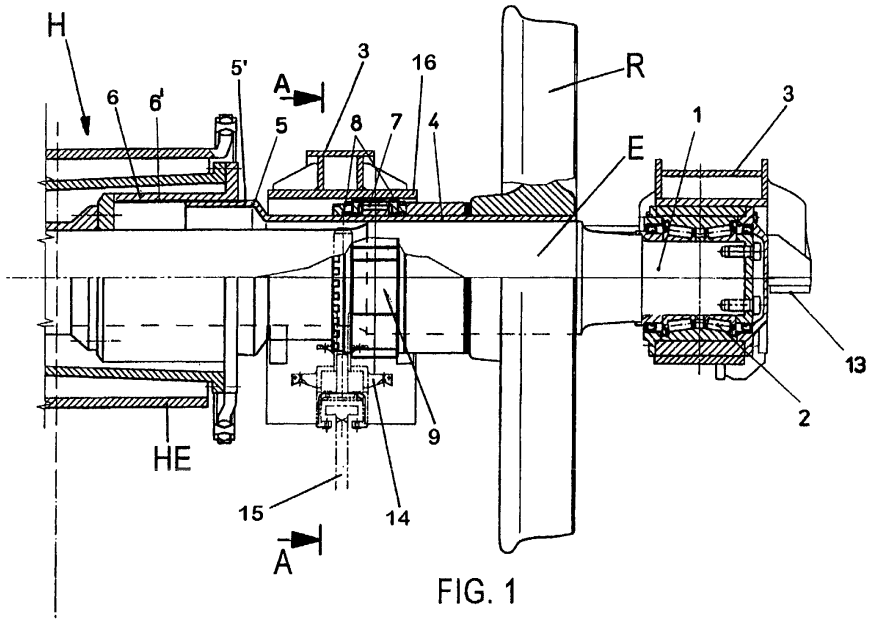


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 01 50 0017

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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TECHNICAL FIELDS SEARCHED (IPC)

B61F
B61C
B60B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	9 September 2008	Chlosta, Peter

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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