

Title (en)  
SINGLE AXLE BOGIE WITH IDLE WHEELS FOR RAILWAY VEHICLES

Publication  
**EP 0282738 B1 19910529 (DE)**

Application  
**EP 88102060 A 19880212**

Priority  
DE 3707898 A 19870312

Abstract (en)  
[origin: EP0282738A1] The invention relates to a single axle bogie with idle wheels for railway vehicles with a frame accommodating the axle which supports the vehicle by way of springs and has a swivel bearing in the centre of the axle. The object of the invention is to design the single axle bogie in such a way that with good straight line running characteristics little wear occurs in curve running, that no dipping and pitching movements of the coach body occur, that a low floor height is achievable, that no reduction of the gauge occurs in curve running and that drive and brake elements are easily arranged. This object is achieved in that the axle comprises a fixed axle journal (2), supporting loose wheels (1), at each of the transverse ends of the frame (3), that the swivel bearing (4) on the frame (3) is arranged horizontally rotatably on one end of a longitudinal steering device (5) and that the longitudinal steering device (5) at its other end is widened and carries parallelogram connecting rods (6) which are fixed by their other end to the vehicle (7), the parallelogram connecting rods (6) being mounted so as to be horizontally and vertically pivotable. <IMAGE>

IPC 1-7  
**B61F 3/16**; **B61F 5/38**

IPC 8 full level  
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CPC (source: EP)  
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Citation (examination)  
• DE 923197 C 19550207 - MASCHF AUGSBURG NUERNBERG AG  
• EP 0135877 B1 19871202

Cited by  
EP0467009A1; KR20220003769A; EP0749882A3; EP0667274A1; EP1063143A1; EP1652746A4; US6038981A; EA000215B1; EP0765791A1; EP0468296A1; WO9714597A1; WO9211152A1; WO9313970A1

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