

Title (en)  
IMPROVED VARIABLE-WIDTH BOGIE WITH ROTATING AXLES

Title (de)  
DREHACHSEN AUFWEISENDES, VERBESSERTES DREHGESTELL MIT VARIABLER BREITE

Title (fr)  
BOGIE À LARGEUR VARIABLE AMÉLIORÉ AU MOYEN D'ESSIEUX ROTATIFS

Publication  
**EP 2351679 A1 20110803 (EN)**

Application  
**EP 09784131 A 20090717**

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Abstract (en)  
The invention relates to an improved variable gauge bogie with rotating axles which comprises: a bearing platform of a railway wagon; at least one rotating axle (2) including in its outer areas bearing parts (10) of the suspension springs (11) of said platform on which two wheels (1) are assembled by means of a coupling device which allows their lateral movement and has connected thereto fixing guides (18) by means of which said lateral movement is controlled so as to be located in the positions corresponding to the two track gauges; and a track gauge change device borne on a tubular element (29) connected to the platform and assembled in said rotating axle (2) in a more central position in the longitudinal direction of said axle (2) than that of the corresponding wheel (1), based on the cooperation of said fixing guides (18) and a lock (22) which is vertically movable when actuated by locking/unlocking guides (24) provided in a changing installation.

IPC 8 full level  
**B61F 7/00** (2006.01)

CPC (source: EP ES)  
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Cited by  
CN112537336A; EP2824012A4; RU2664611C1; RU2694422C1

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