

Title (en)  
WAGON FOR TRANSPORT OF AUTOMOTIVE VEHICLES

Title (de)  
WAGGON FÜR DEN TRANSPORT VON KRAFTFAHRZEUGEN

Title (fr)  
WAGON SERVANT A TRANSPORTER DES VEHICULES AUTOMOBILES

Publication  
**EP 1144235 A3 20011212 (EN)**

Application  
**EP 00955466 A 20000811**

Priority  
• US 0022066 W 20000811  
• US 14899199 P 19990813

Abstract (en)  
[origin: WO0112489A2] A wagon comprising a pair of end doors movable between a first, closed position wherein the end doors enclose an end of the wagon, and a second open position wherein the end doors cooperate with end doors on an adjacent wagon to enclose, at least partially, a space between the wagons. In the second position, the end doors may be partially within the side walls of the wagon. The end doors may also be movable to a third position for loading and unloading vehicles wherein the end doors are entirely outside of the wagon so that they do not reduce clearance for the motor vehicles. The wagon preferably includes a vertically adjustable roof structure. End portions of the sidewalls preferably are movable with the adjustable height roof structure, with the end doors being supported on the end portions of the sidewalls. End portions of the lower deck or bridge plates are movable to maintain them in close proximity to the end doors so that, when the end doors are moved to their upper or raised position, the end portion of the deck may also be moved to a raised position to avoid creation of a large gap at the bottom of the end doors. To facilitate transport of automotive vehicles over the buffers, the buffers preferably are adjustable in height.  
[origin: WO0112489A2] A wagon comprising a pair of end doors (38) movable between a first, closed position wherein the end doors enclose an end of the wagon, and a second open position (Fig. 7) wherein the end doors cooperate with end doors on an adjacent wagon to enclose, at least partially, a space between the wagons. In the second position, the end doors may be partially within the side walls (58) of the wagon. The end doors may also be movable to a third position for loading and unloading vehicles wherein the end doors are entirely outside of the wagon so that they do not reduce clearance for the motor vehicles. The wagon preferably includes a vertically adjustable roof structure (42). End portions of the sidewalls preferably are movable with the adjustable height roof structure, with the end doors being supported on the end portions of the sidewalls. End portions of the lower deck or bridge plates are movable to maintain them in close proximity to the end doors so that, when the end doors are moved to their upper or raised position, the end portion of the deck may also be moved to a raised position to avoid creation of a large gap at the bottom of the end doors. To facilitate transport of automotive vehicles over the buffers (54), the buffers (54) preferably are adjustable in height.

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See references of WO 0112489A2

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