

Title (en)

Gear for operating the discharge doors of a hopper wagon.

Title (de)

Getriebe zum Öffnen und Schliessen der Entladeklappen eines Sattelboden-Selbstentladewagens.

Title (fr)

Mécanisme d'ouverture et de fermeture des portes de déchargement d'un wagon tremie.

Publication

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Application

EP 92119326 A 19921112

Priority

DE 4137883 A 19911118

Abstract (en)

[origin: EP0543279A1] Gear system for opening and closing the lateral discharge door (1) of a hopper wagon, it being possible to actuate the discharge door (1) by means of connecting rods (6) via levers (5) from an actuation shaft (4) mounted approximately in the longitudinal centre of the wagon. The objective of the invention consisted in constructing the gear system in such a way that a secure fit of the discharge door (1) in the region of its lower longitudinal side is ensured using simple means. This objective is achieved in that at least one locking bar (15) is displaceably arranged in the saddle-bottom (3) for each discharge door (1), which locking bar (15) engages, in the closed position of the discharge door (1), around a closing hook (17) on the lower longitudinal side of the discharge door (1). The locking bar (15) can be acted on by the actuation shaft (4) via levers and slide rods (7 to 14). <IMAGE>

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IPC 8 main group level

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CN106853832A; CN106627609A; RU192579U1; CN114537483A; US8596203B2; US8132515B2; US8141726B2; US8166892B2; US8915193B2; US8967053B2; US10023206B2; US8356560B2; US9266539B2; US10239542B2

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