

Title (en)

Outrigger mounting structure of loading and unloading vehicle

Title (de)

Auslegerbefestigungsstruktur eines Ladefahrzeugs

Title (fr)

Structure de montage des pieds de sustentation d'un véhicule de chargement et déchargement

Publication

EP 1302436 B2 20110216 (EN)

Application

EP 02022974 A 20021014

Priority

JP 2001316789 A 20011015

Abstract (en)

[origin: EP1302436A1] The invention provides an outrigger mounting structure of a loading and unloading vehicle, which can meet the increase of the moment that acts on a platform car with minimal increase in the length thereof when the capacity of the crane mounted thereon is increased. The structure is characterized, in a loading and unloading vehicle provided with a plurality of axles under the body frame of the vehicle, the axles constituting means for supporting, driving, and steering the vehicle, and outriggers at least at the front and rear parts of the body frame, that outrigger housing parts for accommodating said outriggers are formed in the body frame, each of the outrigger housing parts having an outrigger inserting hole formed in the direction perpendicular to the longitudinal direction of the body frame of said platform car, and each of the outrigger beam part of said outriggers is inserted for slide in said outrigger inserting hole. <IMAGE>

IPC 8 full level

B60S 9/21 (2006.01); **B66C 23/80** (2006.01); **B60S 9/12** (2006.01)

CPC (source: EP)

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Citation (opposition)

Opponent :

- DE 4311662 A1 19941013 - LSB LANGERBEIN SCHARF GMBH & C [DE]
- DEMAG, no. 826526, 28 August 2001 (2001-08-28), IMMINGHAM & DE 29719953 U

Cited by

CN103318755A; CN103342282A; CN106184243A; CN106253098A

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AT DE IT

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EP 1302436 A1 20030416; **EP 1302436 B1 20041229**; **EP 1302436 B2 20110216**; AT E285979 T1 20050115; DE 60202418 D1 20050203; DE 60202418 T2 20060406; DE 60202418 T3 20120920; JP 2003118549 A 20030423

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