Title (en)

METHOD FOR AUTOMATICALLY LOADING AND UNLOADING TRANSPORT UNITS, ESPECIALLY UNITS FOR TRANSPORTING GOODS

Title (de)

VERFAHREN ZUR AUTOMATISCHEN BE- UND ENTLADUNG VON TRANSPORTEINHEINTEN, INSBESONDERE VON EINHEITEN ZUM TRANSPORTIEREN VON GÜTERN

Title (fr)

PROCEDE DE CHARGEMENT ET DECHARGEMENT AUTOMATIQUES D'UNITES DE TRANSPORT, EN PARTICULIER D'UNITES DE TRANSPORT DE MARCHANDISES

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Application

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Abstract (en)

[origin: WO0214203A1] The invention relates to a method for automatically loading and unloading transport units (1), especially units for transporting goods, and preferably metallic products in the form of rolled sheet metal known as coils. According to the invention, the positions, dimensions and structure of the goods to be transported (7) and the transport unit are three-dimensionally cartographically detected, independently of the respective location thereof and preferably from above, by means of a known, mobile laser scanner (6); the data obtained is transmitted to a central control unit; said data is compared and aligned with the specific data pertaining to the transport unit and obtained by means of a transponder (9) and a reading unit (10); and is sent to a removal unit, by means of which the goods are removed and transported directly to the transport unit without having to implement an additional dispatch level. The goods are placed in a precisely predetermined area, the unloading process being carried out in the same way in said predetermined area.

IPC 1-7

B66C 13/48; B66C 13/46

IPC 8 full level

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CPC (source: EP)

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