

Title (en)  
SYSTEM FOR LOAD HANDLING

Title (de)  
SYSTEM ZUR LASTENHANDHABUNG

Title (fr)  
SYSTÈME POUR MANIPULATION DE CHARGEMENT

Publication  
**EP 2219896 A1 20100825 (EN)**

Application  
**EP 08842981 A 20081017**

Priority  
• FI 2008050584 W 20081017  
• FI 20070803 A 20071025

Abstract (en)  
[origin: WO2009053524A1] The invention relates to a system for load handling, which system includes several load platforms (1), such as RoRo, terminal, industrial cassettes and/or like, and one or several pulling devices, equipped with a lifting transportation rear part (2a) or coupled with a lifting transportation carriage (2a), or AGV- devices. The system is meant for discharging of load, such as containers or like in a ship at a container port or like, onto load platforms, in order to discharge the load furthermore from the load platforms when being transported to discharging station (I) for further handling of the load and furthermore to load the empty load platforms when being transported to a loading station (II) in order to reload empty load platforms for reloading of a ship that is going to leave the container port or like. A load platform (1) belonging to the system is equipped with an energy store (3), such as a set of accumulators, a super condensator assembly and/or like, dimensioned particularly with a view to operations to be carried out by a pulling device (2) or an AGV-device (2), equipped with a lifting transportation rear part or carriage (2a) loaded with the load platform (1), particularly in order to enable an electrically or electro-hydraulically operated lifting transportation equipment.

IPC 8 full level  
**B60K 1/04** (2006.01); **B60D 1/62** (2006.01); **B60L 11/00** (2006.01); **B60P 1/02** (2006.01); **B62D 53/06** (2006.01); **B65G 63/02** (2006.01)

CPC (source: EP FI)  
**B60D 1/62** (2013.01 - EP); **B60K 1/04** (2013.01 - FI); **B60L 15/38** (2013.01 - EP FI); **B60L 50/40** (2019.01 - EP FI); **B60L 50/66** (2019.01 - EP FI); **B60P 1/02** (2013.01 - FI); **B62D 53/062** (2013.01 - FI); **B63B 27/19** (2020.05 - EP); **B65G 63/025** (2013.01 - FI); **B66F 9/063** (2013.01 - EP FI); **B60L 2200/44** (2013.01 - EP); **B60L 2260/32** (2013.01 - EP); **Y02P 90/60** (2015.11 - EP); **Y02T 10/70** (2013.01 - EP)

Cited by  
CN107444151A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2009053524 A1 20090430**; EP 2219896 A1 20100825; EP 2219896 A4 20120411; FI 120190 B 20090731; FI 20070803 A0 20071025; FI 20070803 A 20090426

DOCDB simple family (application)  
**FI 2008050584 W 20081017**; EP 08842981 A 20081017; FI 20070803 A 20071025