

Title (en)
CARGO TRANSFER SAFETY SYSTEM

Title (de)
SICHERHEITSSYSTEM ZUM TRANSFER VON KARGOS

Title (fr)
SYSTEME DE SECURITE POUR LE TRANSFERT DE CARGAISON

Publication
EP 0996940 A4 20010321 (EN)

Application
EP 98937889 A 19980723

Priority

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- NZ 32867397 A 19970903
- NZ 32928797 A 19971128

Abstract (en)
[origin: WO9905656A1] The invention relates to a cargo transfer system (200) that provides improved safety for users. When a cargo item (304) is being transferred from a transport vessel (300) to loading area (306), the system (200) provides a warning of the impending delivery of the cargo item (304) to persons in the loading area (306). Similarly, when cargo item (304) is being transferred onto vessel (300), a warning is provided to persons in the relevant area (306) of the vessel (300). The system uses sensors (226, 228, /10, 12, 40) provided adjacent to the side of a ship (300) to indicate the presence of the cargo item (304) to a programmable logic controller (PLC) which activates a strobe (53) and siren (57) to provide a warning to people in the hold or on shore (306). The system also makes provision for the position of the boom (206) of a crane (200) that loads or unloads cargo items (304) to be monitored by the PLC to provide an indication of cargo item (304) approaching the hold of the ship (300) or approaching the shore (306).

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B65G 67/603 (2013.01); **B66C 15/045** (2013.01); **B66C 15/065** (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03 29 March 1996 (1996-03-29)
- See references of WO 9905656A1

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BE GB NL

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