

Title (en)

ARTICULATED FLUID TRANSMISSION DEVICE AND LOADING CRANE COMPRISING SAID DEVICE

Title (de)

GELENKVORRICHTUNG ZUM ÜBERTRAGEN VON FLÜSSIGKEITEN UND LADEKRAN MIT SOLCHER VORRICHTUNG

Title (fr)

DISPOSITIF ARTICULE POUR TRANSFERT DE FLUIDE ET GRUE DE CHARGEMENT COMPORTANT UN TEL DISPOSITIF

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Application

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Abstract (en)

[origin: US6343620B1] The transfer device between a jib including at least one pipe section (54a, 54b) fixed to the jib (12) and a coupling, comprises a system of concertina or deformable diamond-shaped type articulated pipe segments and actuated by cable, at least one pipe section (24a, 24b) connecting to the coupling means. Each section fixed to the jib or connecting to the coupling is connected to one end of the system by a bend and rotary joints (53a, 53b), the bend being fixed to a support (51, 52) suspended from the jib. Each end of the system is fixed to a support (74a) movably mounted in rotation by a bearing (78a) on the bend support to which the end is connected, concentrically with the joint (72a) connecting the end to the bend. The invention applies in particular to the transfer of liquefied natural gas from a marine platform to an oil tanker.

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