

Title (en)

COUPLING ELEMENT AND DOCKING DEVICE COMPRISING SUCH A COUPLING ELEMENT

Title (de)

KOPPLUNGSELEMENT SOWIE ANDOCKEINRICHTUNG ENTHALTEND EIN KOPPLUNGSELEMENT

Title (fr)

ELEMENT D'ACCOUPLEMENT ET DISPOSITIF D'AMARRAGE RENFERMANT UN DISPOSITIF D'ACCOUPLEMENT

Publication

EP 1622809 B1 20080528 (DE)

Application

EP 04738503 A 20040512

Priority

- DE 2004000985 W 20040512
- DE 10321814 A 20030515

Abstract (en)

[origin: WO2004103816A1] The invention relates to a coupling element (1) and a docking device (96) comprising such a coupling element. Said coupling element (1) is provided with a first shutter strip (2) that comprises a cheek body (6), elastic in at least some sections, a first bearing element (18) on the first end of the cheek body (6) and a second bearing element (20) on the second end of the cheek body (6) opposite the first end. The coupling element is further provided with a second shutter strip (4) that comprises a cheek body, elastic in at least some sections, a first bearing element (22) on the first end of the cheek body and a second bearing element (24) on the second end of the cheek body opposite the first end. The inner sides of the cheek bodies of the first and second shutter strip can be placed against each other in at least some sections in a sealing manner. The first bearing element (18) of the first shutter strip (2) can be arranged with the second bearing element (24) of the second shutter strip (4) and the bearing element (20) of the first shutter strip (2) and the first bearing element (22) of the second shutter strip (4) next to each other whereby the inner sides of the cheek bodies of the first and second shutter strip rest against each other at least in some sections.

IPC 8 full level

B65B 1/28 (2006.01); **B65D 33/16** (2006.01); **B65D 33/30** (2006.01)

CPC (source: EP US)

B65B 1/28 (2013.01 - EP US); **B65D 33/30** (2013.01 - EP US); **Y10T 24/15** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004103816 A1 20041202; AT E396918 T1 20080615; CN 100457549 C 20090204; CN 1701024 A 20051123; DE 10321814 A1 20041216; DE 10321814 B4 20070301; DE 502004007286 D1 20080710; EP 1622809 A1 20060208; EP 1622809 B1 20080528; HR P20050854 A2 20060228; HR P20050854 B1 20120731; JP 2006528591 A 20061221; JP 4533387 B2 20100901; RU 2005138898 A 20080227; RU 2338671 C2 20081120; SG 152099 A1 20090529; US 2006151061 A1 20060713; US 7104293 B2 20060912

DOCDB simple family (application)

DE 2004000985 W 20040512; AT 04738503 T 20040512; CN 200480001054 A 20040512; DE 10321814 A 20030515; DE 502004007286 T 20040512; EP 04738503 A 20040512; HR P20050854 A 20050927; JP 2006529595 A 20040512; RU 2005138898 A 20040512; SG 2007174667 A 20040512; US 53368405 A 20051103