

Title (en)

LOCKING DEVICE FOR A QUICK-ACTION CONNECTION COUPLING

Title (de)

VERRIEGELUNGSVORRICHTUNG FÜR EINE SCHNELLANSCHLUSSKUPPLUNG

Title (fr)

DISPOSITIF DE VERROUILLAGE DESTINE A UN COUPLAGE DE CONNEXION RAPIDE

Publication

EP 1781565 A1 20070509 (DE)

Application

EP 05763244 A 20050714

Priority

- EP 2005007670 W 20050714
- DE 202004011088 U 20040714

Abstract (en)

[origin: WO2006005618A1] The aim of the invention is to create a simple and reliable locking device for a quick-action connection coupling for transferring gaseous and/or liquid fluids, especially for refuelling vehicles. Said device comprises a hand lever (50) for actuating a valve and a lock which is positioned on the end side thereof and engages with a hand grip (45) in the refuelling position. To this end, an unlocking lever (46) which can be pivoted on the hand grip (45) is mounted adjacent to the end region of the hand lever (50). The unlocking lever (46) comprises at least one, preferably two laterally protruding journals (47), arranged inside the hand grip (45), especially for simple handling.

IPC 8 full level

B67D 5/375 (2006.01); **B67D 7/42** (2010.01); **B67D 7/50** (2010.01)

CPC (source: EP US)

B67D 7/50 (2013.01 - EP US); **F17C 13/12** (2013.01 - EP US); **F17C 2205/0376** (2013.01 - EP US)

Citation (search report)

See references of WO 2006005618A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

DE 202004011088 U1 20050825; BR PI0513378 A 20080506; BR PI0513378 B1 20180214; CN 101044087 A 20070926; CN 101044087 B 20110803; DE 502005006832 D1 20090423; EP 1781565 A1 20070509; EP 1781565 B1 20090311; JP 2008506896 A 20080306; JP 5135631 B2 20130206; RU 2007105504 A 20080820; RU 2382733 C2 20100227; US 2008223486 A1 20080918; US 8061394 B2 20111122; WO 2006005618 A1 20060119

DOCDB simple family (application)

DE 202004011088 U 20040714; BR PI0513378 A 20050714; CN 200580030832 A 20050714; DE 502005006832 T 20050714; EP 05763244 A 20050714; EP 2005007670 W 20050714; JP 2007520761 A 20050714; RU 2007105504 A 20050714; US 63232905 A 20050714