

Title (en)

Method for relocating a military bridge

Title (de)

Verfahren zum Verlegen einer militärischen Brücke

Title (fr)

Procédé de pose d'un pont militaire

Publication

EP 2000591 A3 20100721 (DE)

Application

EP 08008974 A 20080515

Priority

DE 102007026275 A 20070605

Abstract (en)

[origin: EP2000591A2] The method involves loading a military bridge (1) e.g. tactical bridge, on an unmanned and remotely-controlled laying vehicle (2). The vehicle (2) is driven by a manned guide vehicle e.g. helicopter, close to an obstacle (10). The vehicle (2) is independently and precisely moved on the obstacle by an optical or laser-scanner surrounding-detection process. A laying process is simulated based on constructive and preset limit values, and data corresponding to a scanned site situation. A determination is made whether to perform or stop the laying process.

IPC 8 full level

E01D 15/127 (2006.01)

CPC (source: EP US)

E01D 15/127 (2013.01 - EP US)

Citation (search report)

- [IAY] WO 2004074580 A1 20040902 - GIAT IND SA [FR], et al
- [Y] US 4602399 A 19860729 - JENKINS ARTHUR B [US]
- [Y] DE 3404202 A1 19870514 - WEGMANN & CO [DE]

Cited by

WO2012103887A1

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)

EP 2000591 A2 20081210; EP 2000591 A3 20100721; EP 2000591 B1 20140611; DE 102007026275 A1 20081218; ES 2500215 T3 20140930; PL 2000591 T3 20141128; US 2009064427 A1 20090312; US 7784134 B2 20100831

DOCDB simple family (application)

EP 08008974 A 20080515; DE 102007026275 A 20070605; ES 08008974 T 20080515; PL 08008974 T 20080515; US 15683308 A 20080605