

Title (en)  
MULTI-PURPOSE LOAD LIFTING WORKING PLATFORM OR/AND COMPOSITE BRIDGE STRUCTURE

Title (de)  
MEHRZWECK-ARBEITSPLATTFORM UND/ODER VERBUNDBRÜCKENSTRUKTUR ZUR LASTENHEBUNG

Title (fr)  
PLATE-FORME DE TRAVAIL DE LEVAGE DE CHARGE À FONCTIONS MULTIPLES OU/ET STRUCTURE DE PASSERELLE COMPOSITE

Publication  
**EP 2278094 A4 20120516 (EN)**

Application  
**EP 09727728 A 20090302**

Priority

- CN 2009070597 W 20090302
- CN 200820079945 U 20080415
- CN 200810103187 A 20080401

Abstract (en)  
[origin: EP2278094A1] The present invention discloses a multi-purpose load lifting work platform or/and composite bridge structure, comprising a framework, at least one work platform, a drive mechanism, and an electrical control devices. One end of the pole-shaped structure is connected with the framework in a movable manner, and the other end of the pole-shaped structure is connected with the work platform in a movable manner, the work platform can run with the pole-shaped structure together. The work platform can run in a curve track relative to the framework by power, and can stop at any position in running track. This invention can provide two platforms working coordinately or a single platform working independently. The working area of the two platforms greatly exceeds that of the existing common equipment with a single platform. It can load bulky objects without sway, and can also be used as composite or assembly bridge structure.

IPC 8 full level  
**B66F 7/06** (2006.01); **B66F 7/28** (2006.01); **E04H 6/06** (2006.01); **E04H 6/18** (2006.01)

CPC (source: EP US)  
**B66F 7/0633** (2013.01 - EP US); **B66F 7/28** (2013.01 - EP US); **E04H 6/06** (2013.01 - EP US)

Citation (search report)

- [X] US 4499970 A 19850219 - HUSSEY IAN G [US]
- [XP] CN 201047182 Y 20080416 - MENG SUN [CN]
- See references of WO 2009121254A1

Cited by  
CN112428469A

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2278094 A1 201110126; EP 2278094 A4 20120516; EP 2278094 B1 20140507**; AU 2009230956 A1 20091008; AU 2009230956 B2 20130214; CA 2720316 A1 20091008; JP 2011507781 A 20110310; KR 20110023850 A 20110308; US 2011041267 A1 20110224; WO 2009121254 A1 20091008

DOCDB simple family (application)  
**EP 09727728 A 20090302**; AU 2009230956 A 20090302; CA 2720316 A 20090302; CN 2009070597 W 20090302; JP 2010540024 A 20090302; KR 20107024564 A 20090302; US 86416209 A 20090302