

Title (en)
REVERSIBLE UNIVERSAL BRIDGE

Title (de)
UMKEHRBARE UNIVERSALBRÜCKE

Title (fr)
PONT UNIVERSEL RÉVERSIBLE

Publication
EP 2596575 A2 20130529 (EN)

Application
EP 11752613 A 20110720

Priority
• GB 201012182 A 20100720
• GB 2011051380 W 20110720

Abstract (en)
[origin: WO2012010900A2] A full bridge circuit is disclosed, which comprises a pair of AC terminals and a pair of DC terminals. The full bridge circuit is adapted in a first mode of operation to receive an AC voltage input at its AC terminals and provide a rectified voltage output at its DC terminals. In addition, the full bridge circuit is adapted in a second mode of operation either to receive a DC voltage input at its DC terminals and provide an AC voltage output at its AC terminals, or to receive a DC voltage input at its DC terminals and act as a bi-directional switch across the AC terminals.

IPC 8 full level
H02M 7/757 (2006.01); **H02M 7/219** (2006.01); **H02M 7/797** (2006.01)

CPC (source: EP)
H02M 7/219 (2013.01); **H02M 7/797** (2013.01)

Citation (search report)
See references of WO 2012010900A2

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012010900 A2 20120126; WO 2012010900 A3 20121122; EP 2596575 A2 20130529; GB 201012182 D0 20100901

DOCDB simple family (application)
GB 2011051380 W 20110720; EP 11752613 A 20110720; GB 201012182 A 20100720