

Title (en)
SYSTEM AND METHOD FOR ASSISTED CONSTRUCTION

Title (de)
SYSTEM UND VERFAHREN ZUR UNTERSTÜTZTEN KONSTRUKTION

Title (fr)
SYSTÈME ET PROCÉDÉ POUR CONSTRUCTION ASSISTÉE

Publication
EP 3549650 A1 20191009 (EN)

Application
EP 18165749 A 20180404

Priority
EP 18165749 A 20180404

Abstract (en)
A system (20) and a method for assisting a user to build a construction (e.g. an image) (48) on a bead plate (2) comprising a plurality of pins (6, 6', 6'') protruding from a base portion (8) and being configured to receive a bead (4, 4', 4''). The system comprises an illumination device (10) configured to illuminate the pins (6, 6', 6'') and hereby provide a number of illumination areas (12, 12''). The illumination device (10) comprises a control unit (64) configured to be applied to select a subset of the pins (6, 6', 6'') to be illuminated by the illumination device (10).

IPC 8 full level
A63H 33/04 (2006.01); **A63H 33/08** (2006.01); **A63H 33/22** (2006.01)

CPC (source: EP US)
A63H 33/042 (2013.01 - EP); **A63H 33/086** (2013.01 - EP US); **A63H 33/22** (2013.01 - EP US)

Citation (search report)
• [X] US 2014120501 A1 20140501 - COOKE CORY [US], et al
• [X] US 2016271509 A1 20160922 - ARBOLEDA EDWIN N [US]

Cited by
EP3834897A1; WO2021116344A1; GB2574712B; EP4260922A1; WO2023057038A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3549650 A1 20191009; **EP 3549650 B1 20230607**; **EP 3549650 C0 20230607**; AU 2019249306 A1 20201015; CA 3096140 A1 20191010; JP 2021520278 A 20210819; US 2021077916 A1 20210318; WO 2019192820 A1 20191010

DOCDB simple family (application)
EP 18165749 A 20180404; AU 2019249306 A 20190314; CA 3096140 A 20190314; EP 2019056478 W 20190314; JP 2021503200 A 20190314; US 202017060394 A 20201001