

Title (en)

CRANE MAT AND METHOD OF MANUFACTURE

Title (de)

KRANMATRATZE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

PLATELAGE DE GRUE ET PROCÉDÉ DE FABRICATION

Publication

EP 3332065 A1 20180613 (EN)

Application

EP 15900604 A 20151104

Priority

- US 201562200508 P 20150803
- US 201562211651 P 20150828
- US 2015058990 W 20151104

Abstract (en)

[origin: WO2017023347A1] A crane mat is disclosed having a plurality of panels of lumber positioned in alternating transverse directions with respect to one another, where the top and bottom panels are oriented parallel to the direction of vehicular traffic. The top and bottom panels may include a plurality of spaced apart grooves extending longitudinally from a first longitudinal end of the crane mat to a second longitudinal end of the crane mat for enhancing traction of a vehicle when traversing across the crane mat by transporting rain or moisture off the mat, or for receiving mud or other debris. The crane mat may include a plurality of edge protectors positioned on respective sides of the crane mat to protect the crane mat from handling damage. In various embodiments, the crane mat may be manufactured using either softwood, hardwood, or any combination of softwood and hardwood.

IPC 8 full level

E01C 5/14 (2006.01)

CPC (source: EP US)

B66C 23/78 (2013.01 - EP US); **E01C 5/22** (2013.01 - EP US); **E01C 9/086** (2013.01 - EP US); **E04B 5/02** (2013.01 - EP US);
E04C 2/12 (2013.01 - EP US); **E04C 2/40** (2013.01 - EP US)

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)

WO 2017023347 A1 20170209; CA 2994742 A1 20170209; CA 2994742 C 20230926; CA 3201979 A1 20170209; CA 3201987 A1 20170209;
EP 3332065 A1 20180613; EP 3332065 A4 20190116; EP 3332065 B1 20240103; MX 2018001480 A 20180815; US 2017037581 A1 20170209

DOCDB simple family (application)

US 2015058990 W 20151104; CA 2994742 A 20151104; CA 3201979 A 20151104; CA 3201987 A 20151104; EP 15900604 A 20151104;
MX 2018001480 A 20151104; US 201514932329 A 20151104