

Title (en)
DECK SYSTEM AND COMPONENTS

Title (de)
DECKSYSTEM UND -KOMPONENTEN

Title (fr)
SYSTÈME ET ÉLÉMENTS DE TERRASSE

Publication
EP 3091140 A1 20161109 (EN)

Application
EP 15182512 A 20150826

Priority
US 201514704466 A 20150505

Abstract (en)
A decking system is made up of a variety of decking boards and other components are disclosed. In some aspects, the decking boards are connectable to each other so that adjacent boards will provide a water barrier and a drainage channel. Some versions of the boards may have a hollow region to accept the provision of heating elements or other accessory structures. A connector piece is disclosed in various embodiments span the gap between the butt ends of the boards to provide a water barrier at the butt ends of the boards. A gutter and downspout system is disclosed, as well as structures for protecting the ends or sides of the deck structure.

IPC 8 full level
E04F 15/02 (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP)
E04F 15/02016 (2013.01); **E04F 15/02038** (2013.01); **E04F 15/02183** (2013.01); **E04F 15/105** (2013.01); **E04F 2201/0107** (2013.01); **E04F 2201/0153** (2013.01); **E04F 2201/023** (2013.01)

Citation (search report)

- [X] DE 202013100629 U1 20130517 - GEISLER FRANZ [DE]
- [X] US 6324796 B1 20011204 - HEATH RANDALL N [US]
- [X] AT 511712 A4 20130215 - SCHLAGER FENSTERBANK GMBH [AT]
- [I] US 2013111837 A1 20130509 - DEVOS PIETER [BE], et al
- [I] EP 1262609 A1 20021204 - TARKETT SOMMER SA [FR]
- [I] WO 2004016422 A1 20040226 - SHAW IND GROUP INC [US]
- [E] EP 2963203 A1 20160106 - CARRUBBA VINCENT FRANK [US]
- [A] FR 3001481 A1 20140801 - NEOLIFE [FR]
- [A] US 8769904 B1 20140708 - BRANDT JEFFREY R [US], et al

Cited by
CN106639032A; CN108457447A

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 3091140 A1 20161109; EP 3091140 B1 20190724

DOCDB simple family (application)
EP 15182512 A 20150826