

Title (en)
FLOOR COVERING

Title (de)
BODENBELAG

Title (fr)
REVÊTEMENT DE SOL

Publication
EP 4209643 A1 20230712 (EN)

Application
EP 22150296 A 20220105

Priority
EP 22150296 A 20220105

Abstract (en)
A floor covering (10) is disclosed having a decorative surface (14) lying in a plane of the floor covering. The floor covering comprises rectangular floor panels (12), each floor panel having:- a core (38) and preferably a decorative layer (40) on the core, the decorative layer forming a portion of the decorative surface (14),- a first edge (16) and a second edge (18) forming a first pair of opposite edges,- a third edge (20) and a fourth edge (22) forming a second pair of opposite edges, and- four corners (23) at intersections of the edges. At least the first pair of opposite edges (16, 18) is provided with mechanical coupling means (24) so that a plurality of similar panels can be coupled to one another. The coupling means (24) provide for an interlocking in a direction perpendicular to the plane of the floor covering, as well as in a direction perpendicular to the coupled edges and parallel to the plane of the floor covering. The floor covering further comprises a plurality of alignment elements (46). Each edge of the floor panel at least partially defines a hollow receiving cavity (42) below the decorative layer (40). The hollow receiving cavity (42) has a shape such that, when a first edge (16) of a second floor panel (12; B) is coupled to a second edge (18) of a first floor panel (12; A), the hollow receiving cavities (42) are aligned to form a receiving pocket (48) within which one of the plurality of alignment elements (46) is at least partially received.

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Citation (applicant)

- WO 9747834 A1 19971218 - UNILIN BEHEER BV [NL]
- WO 2010082171 A2 20100722 - FLOORING IND LTD SARL [LU], et al
- WO 03102803 A1 20031211 - ORTEGA INFOSYSTEMS INC [US]
- WO 2013118030 A2 20130815 - FLOORING IND LTD SARL [LU]
- WO 2021111210 A1 20210610 - FLOORING IND LTD SARL [LU]

Citation (search report)

- [XA] JP H02128746 U 19901024
- [X] NL 7415072 A 19760521 - THEODORUS BERNARDUS MARIA AKKE
- [XI] WO 2012052055 A1 20120426 - KRONOPLUS TECHNICAL AG [CH], et al

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