

Title (en)

Panel with a hook-like locking system

Title (de)

Paneel mit einem hakenförmigen Verriegelungssystem

Title (fr)

Panneau avec une mécanisme de verrouillage mécanique en forme de crochet

Publication

EP 3031998 A1 20160615 (DE)

Application

EP 14196822 A 20141208

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Abstract (en)

[origin: CA2970056A1] The invention relates to a panel (1, 4, 5) comprising a panel upper side (1a) and a panel lower side (1b) and also at least four panel edges which are situated opposite one another in pairs, with complementary retaining profiles which are provided in pairs on the panel edges and which match one another in such a way that panels of the same type can be fastened to one another, wherein at least one of the retaining profile pairs is provided with hook profiles, namely on a panel edge with a receiving hook (6) and on the opposite panel edge with an arresting hook (7). Floor coverings, for example, are produced with panels of this kind and, in particular, such panels are suitable for floor coverings laid in a floating manner. The panels customarily have decorative surfaces.

Abstract (de)

Die Erfindung betrifft ein Paneel (1, 4, 5) mit an den Paneelkanten paarweise vorgesehenen komplementären Halteprofilen, die derart zueinanderpassen, dass gleichartige Paneele aneinander befestigbar sind. Wenigstens eines der Halteprofilpaare ist mit Hakenprofilen versehen, welche durch Aufnahmehaken (6) und gegenüberliegenden komplementären Arretierhaken (7) gebildet sind. Die Innenseiten der Ränder der Hakenprofile bilden Verriegelungsflächen (12, 13) welche zur den Paneeloberflächen geneigt sind, die Außenseiten der Ränder der Hakenprofile weisen Verrastungen (14, 15, 22, 21) auf, welche einem Höhenversatz der verriegelten Paneele entgegenwirkt und die Oberseite des Rands der Aufnahmehaken bzw die komplementäre Unterseite der Arretiernut verlaufen teilweise abwärts geneigt.

IPC 8 full level

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CPC (source: AT EP KR RU US)

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