Title (en)

Panel assembly, panel for forming a covering; and method of manufacuring a panel

Title (de)

Paneelanordnung, Verkleidungspaneel sowie Herstellungsverfahren eines Paneels

Title (fr)

Ensemble de panneaux, panneau de revêtement et procédé de fabrication d'un panneau

Publication

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Application

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Priority

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Abstract (en)

In a panel assembly including panels (1,1'), each panel having edges comprising first coupling means (8) adapted to couple the panel (1) to second coupling means (9) of the opposite edge of another panel (1'), said coupling means being in the form of a tongue (12) and groove (13) and comprising integrated locking means (10,11) with an elastically deformable portion (14) on one of the panels (1) exerting a force on the other panel (1') so as to urge the panels towards each other when the panels are coupled, it is foreseen that the elastically deformable portion (14) is elastically deformable at least in a direction having a component parallel to the upper and lower panel surfaces and perpendicularly to the corresponding edge. The invention concerns also a covering panel (1) with edges bearing coupling means to couple two adjacent panels (1 ,1'), the coupling means including locking means (10,11) with an elastically deformable portion (14) which is in a deformed state when the panels are coupled and provides a force urging the panels towards each other, wherein the elastically deformable portion (14) is provided at a position at a distance from the upper and lower panel surfaces. The invention is also directed to a method of manufacturing a panel (1) comprising a core of basic material and first and second coupling means (8,9) at the edges (4;5;6,7), the method including the steps of forming the core, preforming at least one of said coupling means (8,9) from a separate piece of material, attaching the at least one coupling means (8,9) to the core of the panel and machining it to obtain the final shape.

IPC 8 full level

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