

Title (en)
SUSPENDED CEILING GRID STRUCTURE WITH MAIN RUNNERS INCORPORATING CODED MATCHING INDICIA FOR RECEIVING CROSS RUNNERS IN DESIRED SPACED APART FASHION

Title (de)
AUFGEHÄNGTE DECKENGITTERSTRUKTUR MIT HAUPTSCHIENEN MIT CODIERTEN PASSENDEN INDICIA ZUM AUFNEHMEN VON QUERSCHIENEN IN GEWÜNSCHTER BEABSTANDETER WEISE

Title (fr)
STRUCTURE EN GRILLE DE PLAFOND SUSPENDUE PRESENTANT DES RAILS PRINCIPAUX INCORPORANT UNE MARQUE DE CORRESPONDANCE CODEE PERMETTANT DE RECEVOIR DES RAILS TRANSVERSAUX SELON UN ESPACEMENT SOUHAITE

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Application
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Priority
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Abstract (en)
[origin: WO2004006174A1] A marking system incorporated into a suspended grid structure supporting a plurality of ceiling tiles. A first plurality of main runners (18) are suspending from a ceiling by hanger wires and in parallel, spaced apart and elongated extending fashion. Each of main runners defines, in cross section, a tile support lip (24) and a web (26) extending from the support lip. A plurality of elongated channels (32, 34, 36, 38) are formed through first and second opposite faces of the main runner web at axially spaced apart intervals and between a first end and a second end. A second plurality of cross runners (12, 12' and 14, 14') extend between the main runners and each also defines in cross section a tile support lip and a web extending in substantially perpendicular fashion from a midpoint of the support lip. First and second connector clips (54 and 56) extend from associated first and second ends of each of the cross runners (14) and engage, in laterally inserting fashion, through aligning channels defined in the main runners, opposing ends of first and second of a selected cross runners further engaging through an elongated channel of a selected main runner. A marking indicia is applied to selected channels of the main runners and identify proper location of the cross runners prior to engagement of the connector clips within the main runner channels. The marking indicia may further include coding selected channels according to at least one color indicia.

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