

Title (en)

SUPPORT STRUCTURE FOR ELEVATED FLOOR ASSEMBLY

Title (de)

STÜTZSTRUKTUR FÜR EINE AUFGESTÄNDERTE FUSSBODENANORDNUNG

Title (fr)

STRUCTURE DE SUPPORT POUR ENSEMBLE PLANCHER SURELEVE

Publication

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Application

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Abstract (en)

[origin: WO2006053813A1] Support structure for elevated floor assembly comprising a plurality of pedestals (10) and panel stringers (14) coupled between adjacent pedestals (10), each pedestal (10) having a column (16) with a supporting head (17) on an upper end of the column (16) and a base plate (18) on the lower end of the column (16), the supporting head (17) having radially protruding supporting arms (26) for connecting the panel stringers (14) thereto, and each panel stringer (14) having a generally inverted U-shaped cross-section with two generally parallel side portions (34, 34') and an interconnecting portion (36), wherein the interconnecting portion (36) rests on the radially protruding supporting arm (26) of the supporting head (17) of the pedestal (10). According to an important aspect of the invention, at an end portion of the panel stringer (14), at least one of the side portions (34, 34') comprises, on its inner surface (40, 40'), a cavity (42, 42') proximate the interconnecting portion (36) and a guide (44, 44') leading from an edge of the side portion (34, 34') remote from the interconnecting portion (36) to the cavity (42, 42'), and the supporting arm (26) comprises at least one lateral protrusion (30, 30') configured to be received in the cavity (42, 42') when the panel stringer (14) is connected to the supporting arm (26) of the pedestal (10).

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