

Title (en)
Floors structure

Title (de)
Bodenstruktur

Title (fr)
Structure de planchers

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Application
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Abstract (en)
The present invention makes it possible to dismantle and re-use a floor structure by effectively exhibiting the displacement preventing effect for each steel stock against an active load in case the floor structure is formed by arranged steel stocks in parallel. A floor structure comprises a plurality of steel stocks (4) arranged in parallel, each steel stock (4) including a web (1), an upper flange (2) disposed at an upper end of the web (1), and a lower flange (3) disposed at a lower end of the web (1), a floor surface being formed on the upper flange (2), the floor structure further comprising a displacement preventing spacer (6) interposed between the upper flanges (2) and/or lower flanges (3) of the adjacent steel stocks (4), the displacement preventing spacer (6) including a load receiving part (7) which is brought into engagement with the adjacent upper flanges (2) and/or lower flanges (3) to receive an active load incurred to the individual steel stocks (4) so as to inhibit the steel stocks (4) from displacing downward.

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• [X] JP S57137509 A 19820825 - NITSUKAI GIKEN KK
• [A] US 2112949 A 19380405 - BUNKER HERBERT H
• [A] FR 777125 A 19350212

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