

Title (en)  
STRUCTURE SLIDING BEARING AND STRUCTURE BEARING SYSTEM

Title (de)  
BAUWERKSGLEITLAGER UND BAUWERKSLAGERUNGSSYSTEM

Title (fr)  
PALIER COULISSANT DE STRUCTURE ET SYSTÈME DE PALIER DE STRUCTURE

Publication  
**EP 4085171 A1 20221109 (DE)**

Application  
**EP 21702651 A 20210129**

Priority  
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Abstract (en)  
[origin: CA3168706A1] A structure sliding bearing (210) for connecting a first part of a structure to a second part of a structure. The structure sliding bearing (210) has a bearing lower part (212), which can be brought into connection with the first part of the structure; a sliding plate (216), which can be brought into connection with the second part of the structure; and a bearing intermediate part (214), which is arranged between the bearing lower part (212) and the sliding plate (216), wherein a main sliding surface (226) of the structure bearing (210) is arranged between the bearing intermediate part (214) and the sliding plate (216). The main sliding surface (226) has at least two component sliding surfaces (228A) and (228B), which are each arranged in sliding planes (230A) and (230B) that are angled with respect to one another, wherein the sliding planes (230A) and (230B) meet at a common line of intersection S that forms a movement axis A of the structure sliding bearing (210), along which axis the sliding plate (216) can move. The two sliding planes (230A) and (230B) enclose a first angle  $\alpha$ , where the first angle  $\alpha$  is chosen such that, with the structure sliding bearing (210) in the use state, no gaping gap arises in the region of the main sliding surface (226). There is also disclosed a structure bearing system (700) in which the advantageous principle of the structure sliding bearing (210) is applied.

IPC 8 full level  
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CPC (source: EP KR US)  
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Citation (search report)  
See references of WO 2021152073A1

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