

ABSTRACT

STRUCTURAL SLIDING BEARING AND STRUCTURAL BEARING SYSTEM

The present invention relates to a structural sliding bearing 210 for connecting a first structure part to a second structure part. The structural sliding bearing 210 has a bearing base 212 connectable to the first structure part, a sliding plate 216 connectable to the second structure part, and an intermediate bearing part 214 disposed between the bearing base 212 and the sliding plate 216, wherein a primary sliding surface 226 of the structural sliding bearing 210 is disposed between the intermediate bearing part 214 and the sliding plate 216. The primary sliding surface 226 has at least two partial sliding surfaces 228A and 228B, each arranged in sliding planes 230A and 230B angled relative to one another, the sliding planes 230A and 230B meeting at a common line of intersection S that forms an axis of movement A of the structural sliding bearing 210 along which the sliding plate 216 can move. The two sliding planes 230A and 230B include a first angle α , the first angle α being selected such that no gap occurs in the area of the primary sliding surface 226 when the structural sliding bearing 210 is in use. Furthermore, the invention relates to a structural bearing system 700 in which the advantageous principle of the structural sliding bearing 210 is applied.

(Fig. 4)