

Title (en)
STABILIZING SYSTEM

Title (de)
STABILISIERUNGSSYSTEM

Title (fr)
SYSTÈME DE STABILISATION

Publication
EP 2920525 A1 20150923 (DE)

Application
EP 13789583 A 20131114

Priority
• DE 202012104461 U 20121119
• EP 2013073832 W 20131114

Abstract (en)
[origin: CA2891810A1] Stabilizing system comprising a pulling element (20), in particular a cable arrangement, a compensating arrangement (40) and at least two base arrangements (60), wherein a first base arrangement comprises a deflecting element (62) which is secured on the arrangement plane (E) at a distance in one direction from the axis of rotation (D), wherein a second base arrangement (60) comprises a deflecting element (62) which is secured on the arrangement plane (E) at a distance in the other direction from the axis of rotation (D), and wherein the first and the at least one second base arrangement (60) are offset in relation to one another along the longitudinal axis (L), wherein, in the base arrangements (60), the pulling element (20) is guided from the deflecting element (62) in each case to a fixed point (64) and back over a first distance (61), and wherein the pulling element (20) is guided between the base arrangements (60) along the longitudinal axis (L), as a result of which tensioning can be built up in the base arrangement (60), and therefore at least two base arrangements (60) are connected by the pulling element (20) such that, in the event of the arrangement plane (E) being pivoted, the first distance (61) of the one base arrangement (60) is shortened when the first distance (61) of the at least one other base arrangement (60) is lengthened, wherein the shortening and the lengthening extents differ so as to give a difference in length which influences the tensioning of the pulling element (20) in the base arrangements (60), wherein the compensating arrangement (40) of the first base arrangement (60) is configured to compensate for the difference in length.

IPC 8 full level
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Citation (search report)
See references of WO 2014076185A1

Citation (examination)
JP 2002134777 A 20020510 - SHIMIZU CONSTRUCTION CO LTD

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