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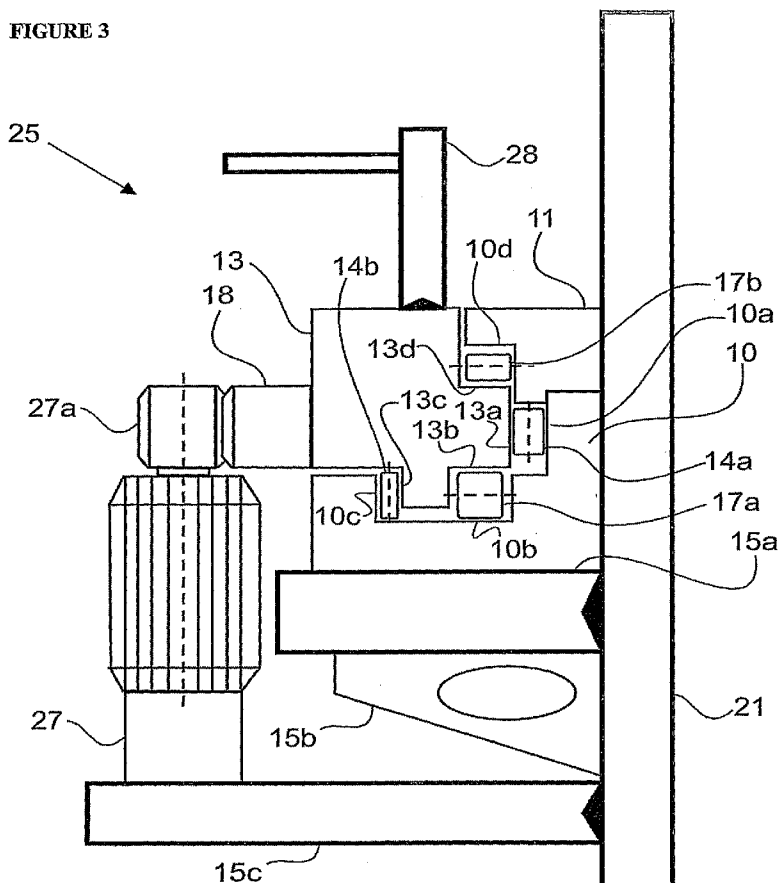
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(54) Title: HOISTING CRANE WITH ANNULAR BEARING STRUCTURE

FIGURE 3



(57) Abstract: This invention relates to a hoisting crane (20) comprising a column (21), a jib (24) and a jib connection member (28) which is disposed on the column and to which the jib is connected pivotally. The crane further comprises an annular bearing structure (25) extending around the column guiding and carrying the jib connection member rotatably about the column. The annular bearing structure comprises one or more column bearing parts (10, 11) connected to the column, comprising column bearing surfaces (10a, 10b, 10c, 10d) associated with the vertical column and one or more jib bearing parts (13) connected to the jib connection member, comprising jib bearing surfaces (13a, 13b, 13c, 13d) associated with the jib connection member. A first vertical column bearing surface (10a) is arranged in a radial direction more inwards than a first jib bearing surface (13a). A second horizontal column bearing surface (10b) is arranged below a second jib bearing surface (13b) and a third column bearing surface (10c) is oriented substantially vertically and is arranged in a radial direction more outwards than a third jib bearing surface (13c) arranged opposite the third column bearing surface.

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