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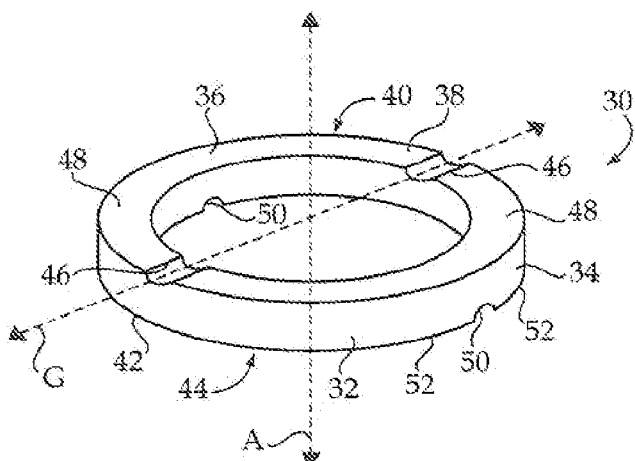


Fig. 3

(57) **Abstract:** A thrust ring (30) for an undercarriage (10) in a track-type machine includes an annular body (32) having an outer circular edge (34) and an inner circular edge (36) defining a common center axis. A first set of oil grooves (46) and a first set of thrust faces (48) are positioned in an alternating arrangement on each of a first axial side (40) and a second axial side (44) of the annular body (32). Each of the oil grooves (46, 50) includes a cross sectional contour shaped to balance an oil flow property of the thrust ring (30) with a strength property of the thrust ring (30), and defining a non-uniform curve which includes a plurality of curve segments each having a different radial attribute. The thrust ring (30) defines a Plouzek value equal to 1.



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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	paragraphs [0004], [0005], [0018], [0019] figure 2	2-10

X	JP 11 170397 A (NTN TOYO BEARING CO LTD) 29 June 1999 (1999-06-29)	1
A	paragraphs [0018], [0128], [0131], [0133] figure 1	2-10

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Further documents are listed in the continuation of Box C. See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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