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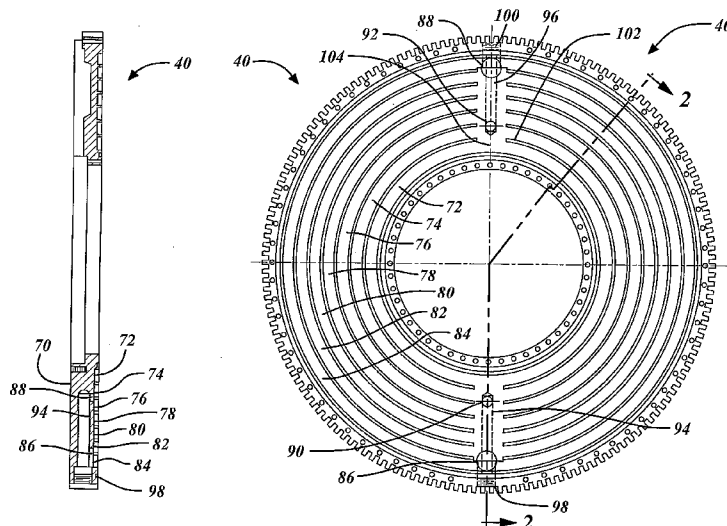
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(54) Title: BALANCED FLOW COOLING WATER JACKET



(57) Abstract: A fluid jacket for a disc brake (10) is provided that promotes a balanced flow of cooling fluid throughout the fluid jacket (40) to most effectively remove heat from the disc brake. The fluid jacket (40) includes an annular body (70) configured for engagement with a friction surface. The annular body defines a plurality of concentric flow passages (72, 78, 84). The annular body further defines first (86) and second (90) axial flow passages in fluid communication with first (84) and second (74) flow passages, respectively of the plurality of concentric flow passages, with the first and second flow passage separated by a third concentric flow passage (78). The annular body further defines a radial flow passage (94) extending between the first and second axial flow passages, and a fluid inlet (98) in fluid communication with the radial flow passage (94).

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