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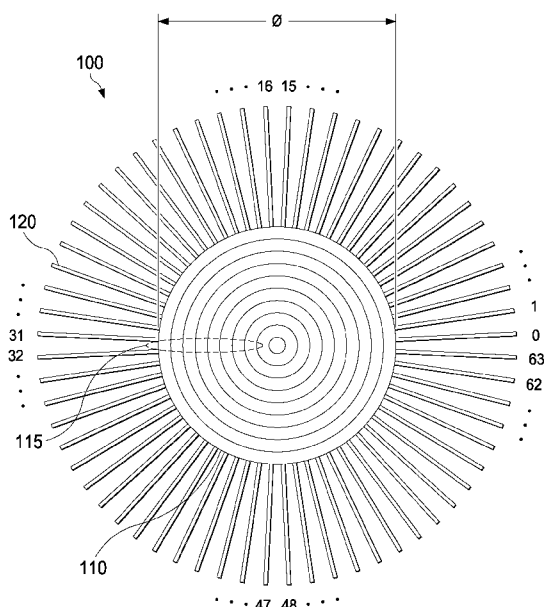
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[Continued on next page]

- (54) Title: RADIAL OPTICAL COUPLER

FIG. 1



- (57) Abstract: An optical device includes an optical grating coupler and a plurality of optical waveguides coupled thereto. The optical grating coupler is formed along a planar surface of a substrate, and includes a pattern formed by ridges concentrically located on the surface about a center thereon. Each adjacent pair of ridges is separated by a groove. Each waveguide of the plurality of waveguides is oriented about radially with respect to the center, and has a first end that terminates near an outermost one of the ridges. The first ends are about uniformly spaced along the outermost one of the ridges.



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