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(54) Title: OPTICAL PRISM FOR AUGMENTED REALITY WAVEGUIDE WRAPPING ANGLE

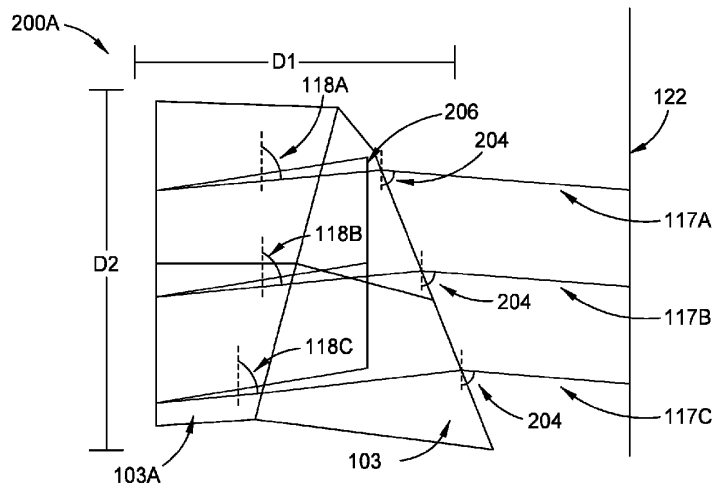


FIG. 2A

(57) Abstract: The present disclosure relates to augmented reality devices and related methods. The augmented reality devices include a projection system. The projection system includes a projector including a major axis. The projected is configured to project an image along the major axis. A prism is configured to refract the image. The image includes a first spectrum, a second spectrum, and a third spectrum. A waveguide is disposed at a wrap angle from a plane formed from the major axis of the projector. The waveguide includes an input coupler, and an output coupler.

[Continued on next page]

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