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(54) **LIGHT COLLIMATOR AND LIGHTING UNIT COMPRISING SUCH LIGHT COLLIMATOR**

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(58) **Field of Classification Search**
None
See application file for complete search history.

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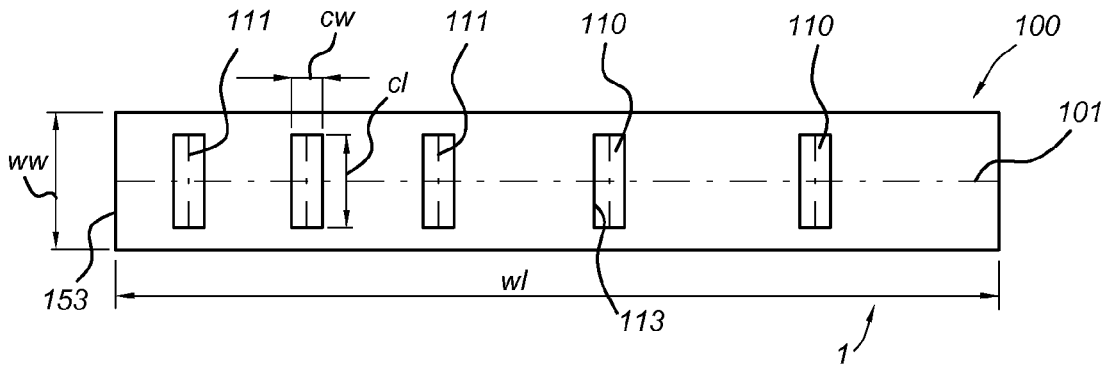
(57) **ABSTRACT**

The invention provides a light collimator (**1**) comprising (a) an elongated light waveguide (**100**) having a waveguide longitudinal axis (**101**), a waveguide length (wl), a waveguide width (ww) and a waveguide height (wh); the waveguide height (wh) defined by the height between a first waveguide surface (**151**) and a second waveguide surface (**152**), the waveguide (**100**) having an aspect ratio of the waveguide length (wl) and the waveguide width (ww) wl/ww>1; the waveguide comprising a plurality of elongated cavities (**110**); each cavity (**110**) comprises a cavity longitudinal axis (**111**), a cavity length (cl), a cavity width (cw) and a cavity height (ch); each cavity having an aspect ratio of the cavity length (cl) and the cavity width (cw) cl/cw>1, wherein the cavity longitudinal axes (**111**) of the plurality of cavities (**110**) are perpendicular to the waveguide longitudinal axis (**101**); and (b) a diffuse reflective layer (**200**) adjacent to the second waveguide surface. The invention further provides a lighting unit (**2**) using such collimator (**1**).

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