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(54) **DYNAMICALLY MANAGING VEHICLE GLASS DIMMING**

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CPC .. ***B60J 3/04*** (2013.01); ***G02F 1/163*** (2013.01)

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CPC B60J 3/04; G02B 27/01; G02B 2027/014; G02B 2027/0118; G02C 7/101; G02C 2202/18; G02F 1/163; G02F 2201/58; Y02T 10/88
See application file for complete search history.

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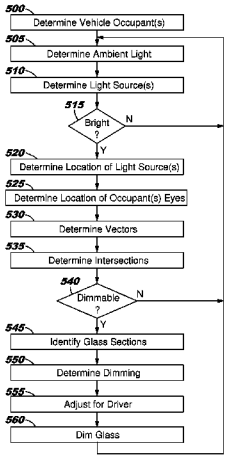
(57) **ABSTRACT**

A method, system or computer usable program product for dynamically changing transparency of portions of a vehicle transparent material including determining a location of a bright light with respect to a vehicle; determining a driver location within the vehicle; selectively changing a transparency of a selected portion of the vehicle transparent material to obscure the bright light from the driver's eyes, while allowing a majority of the vehicle transparent material to remain normally transparent; and repeating the above steps continually to adjust a location of the selected portion of the vehicle transparent material as the vehicle changes orientation with respect to the bright light.

16 Claims, 5 Drawing Sheets