

発明名称： スキャナタイプの装置及び該装置を利用するブレーキランプ
Scanning projector and brake indicator using the same

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説明

This invention relates to a scanning projector including a scanning micro-mirror device, a light source and a screen. The scanning micro-mirror device is manufactured by micro-electro mechanical system technology for a movable configuration. The scanning micro-mirror device has a mirror portion for reflection and at least one shaft. The shaft is located at the opposite sides of the scanning micro-mirror device as a pivot when rotating. The light source is adjacent to the scanning micro-mirror device, and the light emitted from the light source can be reflected by the scanning micro-mirror device to the screen. When the scanning micro-mirror device rotates, the reflected light forms a static or dynamic bright area on the screen in one or two dimensions. Further, above-mentioned structure can be installed on the lamp base of the brake indicator which drives the scanning micro-mirror device to rotate. The power supply provides the light source with electricity. When the brake pedal is pressed down, the light source interacts with the scanning micro-mirror device such that the light is reflected on the screen so as to form bright words or a bright patterns for indicating brake.

