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Choi

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(54) **APPARATUS AND METHOD FOR
DISPLAYING CLUSTER**

(56) **References Cited**

(71) Applicant: **Hyundai Motor Company**, Seoul (KR)

(72) Inventor: **Kum Lim Choi**, Seoul (KR)

(73) Assignee: **Hyundai Motor Company**, Seoul (KR)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 283 days.

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Primary Examiner — William Carter

(74) *Attorney, Agent, or Firm* — Mintz Levin Cohn Ferris Glovsky and Popeo, P.C.; Peter F. Corless

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CPC **B60K 37/02** (2013.01); **G01D 7/002** (2013.01); **G01D 7/005** (2013.01); **G01D 7/04** (2013.01)

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USPC 362/23.21, 459, 489
See application file for complete search history.

(57) **ABSTRACT**

An apparatus and a method for displaying a cluster are provided. The apparatus includes a driving sensor that senses a driving state of a mobile object and a display unit that converts a method of displaying a cluster indisposed within the mobile object. A controller is configured illuminate a scale and a pointer that indicates the scale based on the sensed driving state of the mobile object. In addition, the controller detects a current driving state of the mobile object in real time to generate a control signal with respect to the display method including a brightness degree, a brightness region, and a color of the scale.

15 Claims, 7 Drawing Sheets

