

Title (en)

DETECTION OF RAINDROPS ON A PANE BY MEANS OF A CAMERA AND LIGHTING

Title (de)

DETEKTION VON REGENTROPFEN AUF EINER SCHEIBE MITTELS EINER KAMERA UND BELEUCHTUNG

Title (fr)

DÉTECTION DE GOUTTES DE PLUIE SUR UNE VITRE AU MOYEN D'UNE CAMÉRA ET D'UN ÉCLAIRAGE

Publication

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Application

EP 11815609 A 20110920

Priority

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Abstract (en)

[origin: WO2012092911A1] The invention relates to a device or a method for detecting rain (4), said device or method comprising a camera (1) and a lighting source (3). The camera (1) is disposed behind a pane (2), in particular in the interior of a vehicle behind a windshield, and focused onto a remote region that lies in front of the pane (2). The lighting source (3) for generating at least one light beam (h; n) that is directed at the pane (2) directs the at least one light beam (h; n) towards the pane (2) such that at least one beam (r2; r2') that is reflected from the outer face (2.2) of the pane impinges on the camera (1). The light quantity of the at least one beam (r2; r2') that impinges on the camera (1) can be measured by the camera (1).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2012092911A1

Citation (examination)

- US 4960996 A 19901002 - HOCHSTEIN PETER A [US]
- DE 19858316 A1 20000629 - KOSTAL LEOPOLD GMBH & CO KG [DE]

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