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(71) Applicant: **ROCSYS B.V.** [NL/NL]; Delftweg 65,
2289BA Rijswijk (NL).

(72) Inventors: **VAN DEURZEN, Kanter**; Delftweg 65,
2289BA Rijswijk (NL). **HIJZEN, Toby Joannes**;
Delftweg 65, 2289BA Rijswijk (NL).

(74) Agent: **IP MAISON**; Sportweg 6, 2751ER Moerkapelle
(NL).

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(54) Title: METHOD FOR DETERMINING THE POSITION AND/OR ORIENTATION OF A SOCKET OF AN ELECTRIC CAR
FOR THE PURPOSE OF AUTOMATICALLY PLUGGING IN A CONNECTOR

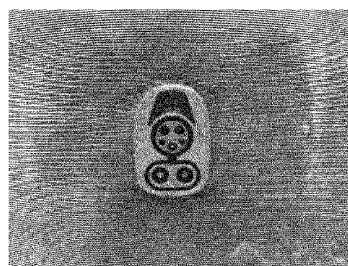
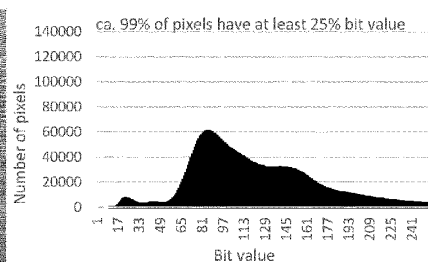


Fig. 6



(57) Abstract: The present invention relates to a method for determining the position and/or orientation of a socket of an electric car for the purpose of automatically plugging in a connector, comprising providing a digital camera image of a region in which the presence of a socket is expected by means of a camera with settable parameters, recognizing the location of fiducial features within the digital camera image, using a feature recognition algorithm and determining the position and/or orientation of the socket based on the fiducial features in the digital camera image, characterised by setting at least one camera parameter for providing the digital camera image, such that the fiducial features are recognizable for the feature recognition algorithm, wherein the fiducial features are part of the connecting functionality of the socket.

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