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(71) Applicant(s):

NISSAN MOTOR CO., LTD. [JP/JP]; 2 Takara-cho Kanagawa-ku Yokohama-shi Kanagawa 221-0023 (JP) *(for all designated states except US)*

TERASHIMA, Yasutsune [JP/JP]; c/o NISSAN MOTOR CO., LTD. Intellectual Property Department 1-1 , Morinosatoayama, Atsugi-shi Kanagawa 243-0123 (JP) *(for US only)*

KAKIUCHI, Takeshi [JP/JP]; c/o NISSAN MOTOR CO., LTD. Intellectual Property Department 1-1 , Morinosatoayama, Atsugi-shi Kanagawa 243-0123 (JP) *(for US only)*

ATAKA, Masahiro [JP/JP]; c/o NISSAN MOTOR CO., LTD. Intellectual Property Department 1-1 , Morinosatoayama, Atsugi-shi Kanagawa 243-0123 (JP) *(for US only)*

(72) Inventor(s):

TERASHIMA, Yasutsune; c/o NISSAN MOTOR CO., LTD. Intellectual Property Department 1-1 , Morinosatoayama, Atsugi-shi Kanagawa 243-0123 (JP)

KAKIUCHI, Takeshi; c/o NISSAN MOTOR CO., LTD. Intellectual Property Department 1-1 , Morinosatoayama, Atsugi-shi Kanagawa 243-0123 (JP)

ATAKA, Masahiro; c/o NISSAN MOTOR CO., LTD. Intellectual Property Department 1-1 , Morinosatoayama, Atsugi-shi Kanagawa 243-0123 (JP)

(54) Title (EN): VEHICLE CHARGING PORT ARRANGEMENT

(54) Title (FR): AGENCEMENT D'ORIFICE DE CHARGE DE VÉHICULE

(57) Abstract:

(EN): A vehicle charging port arrangement is provided with a vehicle body (B), a charging port support member (11) and an electric charging port (15). The vehicle body (B) includes a vehicle front end portion. The charging port support member (11) is supported on the vehicle front end portion. The charging port support member (11) includes an energy absorbing structure (11b, 11d) that is configured and arranged to deform towards a support structure of the vehicle front end portion and into an energy absorbing area that is disposed forward of the support structure of the vehicle front end portion during a frontal impact. The electric charging port (15) is attached to the charging port support member (11), with the electric charging port (15) being configured to receive an electric charging connector.

(FR): L'invention porte sur un agencement d'orifice de charge de véhicule qui comporte un corps de véhicule (B), un élément de support d'orifice de charge (11) et un orifice de charge électrique (15). Le corps de véhicule (B) comprend une partie d'extrémité avant de véhicule. L'élément de support d'orifice de charge (11) est supporté sur la partie d'extrémité avant du véhicule. L'élément de support d'orifice de charge (11) comprend une structure d'absorption d'énergie (11b, 11d) qui est configurée et agencée pour se déformer vers une structure de support de la partie d'extrémité avant de véhicule et dans une zone d'absorption d'énergie qui est disposée vers l'avant de la structure de support de la partie d'extrémité avant de véhicule lors d'un choc frontal. L'orifice de charge électrique (15) est fixé à l'élément de support d'orifice de charge (11), l'orifice de charge électrique (15) étant configuré pour recevoir un connecteur de charge électrique.

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