

Title (en)

REMOVABLE ELECTRIC PROPULSION SYSTEM FOR A ROLLING OBJECT COMPRISING A FOLDABLE SEATING DEVICE

Title (de)

ABNEHMBARES ELEKTRISCHES ANTRIEBSSYSTEM FÜR EIN ROLLOBJEKT MIT EINER FALTBAREN SITZVORRICHTUNG

Title (fr)

SYSTEME DE PROPULSION ELECTRIQUE AMOVIBLE POUR UN OBJET ROULANT COMPRENANT UN DISPOSITIF D'ASSISE PLIABLE

Publication

**EP 4120985 A1 20230125 (FR)**

Application

**EP 21709060 A 20210308**

Priority

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- EP 2021055771 W 20210308

Abstract (en)

[origin: WO2021185613A1] The invention relates to a removable electric propulsion system (1) for a rolling object, the propulsion system (1) comprising a chassis (2) provided with at least one wheel (3) driven by an electric machine (10), and at least one non-driven wheel (4), and means for coupling (5) the propulsion system (1) to the rolling object. In addition, the coupling means (5) comprise means for gripping and lifting at least one wheel of the rolling object. Furthermore, the propulsion system (1) comprises a seating device with a seat (51) and a backrest (50) and this seating device is foldable between a deployed position enabling a user to sit and a folded position. The invention also relates to a method for deploying/folding the seating device of the electric propulsion system (1).

IPC 8 full level

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Citation (search report)

See references of WO 2021185613A1

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