

Title (en)

ELECTRONIC DEVICE WITH FORCE FEEDBACK AND INTERLOCKING SYSTEM FOR COUPLING TWO ELECTRONIC BOARDS

Title (de)

ELEKTRONISCHE VORRICHTUNG MIT KRAFTRÜCKKOPPLUNG UND VERRIEGELUNGSSYSTEM ZUR KOPPLUNG ZWEIER ELEKTRONISCHER LEITERPLATTEN

Title (fr)

DISPOSITIF ÉLECTRONIQUE AVEC SYSTÈME D'ACCOUPLEMENT À RETOUR DE FORCE ET INTER-VERROUILLAGE ENTRE DEUX CARTES ÉLECTRONIQUES

Publication

EP 4342270 A1 20240327 (FR)

Application

EP 22724821 A 20220504

Priority

- FR 2105102 A 20210517
- FR 2022050863 W 20220504

Abstract (en)

[origin: WO2022243618A1] An electronic device (1) comprising two electronic boards and a force feedback and interlocking coupling system for mechanically and electrically coupling same, comprising: a base (2) receiving a daughterboard having daughter connectors; a compressible retraction assembly received in the base and configurable between an idle configuration, wherein the daughter connectors are retracted, and a compressed configuration, wherein the daughter connectors are extended; a removable support assembly (4) receiving an electrical battery and having a lower portion (41) supporting mother connectors connected to a motherboard and capable of being interconnected with the daughter connectors in the compressed configuration and capable of being disconnected in the idle configuration; a protective cover (7) mounted on the removable support assembly; and an interlocking system (8) for locking the protective cover (7) onto the removable support assembly.

IPC 8 full level

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CPC (source: EP US)

G01D 11/245 (2013.01 - US); **H01R 12/73** (2013.01 - US); **H01R 13/447** (2013.01 - US); **H01R 13/639** (2013.01 - US); **H01R 13/6683** (2013.01 - US); **H05K 7/1434** (2013.01 - EP); **G01D 11/245** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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