

Title (en)

A POWER SUPPLY DEVICE FOR SHELVES AND A POWER SUPPLY SHELF

Title (de)

STROMVERSORGUNGSVORRICHTUNG FÜR REGALE UND STROMVERSORGUNGSREGAL

Title (fr)

DISPOSITIF D'ALIMENTATION ÉLECTRIQUE POUR ÉTAGÈRES ET ÉTAGÈRE D'ALIMENTATION ÉLECTRIQUE

Publication

**EP 4205606 A1 20230705 (EN)**

Application

**EP 22215028 A 20221220**

Priority

CN 202111679853 A 20211231

Abstract (en)

The invention discloses a power supply device for shelves, comprising at least one power supply module (1000), wherein each power supply module (1000) comprises: a fixed power supply unit (100) having a first fixing member (101) and configured to be electrically connected to a power supply; at least one sliding power supply unit (200) having a first socket (201); at least one flexible conductive strip (300), the two ends of which are electrically connected to the fixed power supply unit (100) and the sliding power supply unit (200), respectively. The present invention also discloses a power supply shelf comprising at least one such power supply device. The power supply device for the shelf and the power supply shelf of the present invention are simple in structure, easy to install and to disassemble and to be modified, and provides a good waterproof effect.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

- [X1] US 4489995 A 19841225 - BARR ROGER W [US]
- [X1] WO 2005027278 A1 20050324 - VISPLAY INT AG [CH], et al

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