

Title (en)  
SYSTEM FOR AUTOMATED CHARGING MANAGEMENT

Title (de)  
SYSTEM ZUR AUTOMATISCHEN ABRECHNUNGSVERWALTUNG

Title (fr)  
SYSTÈME DE GESTION DE CHARGE AUTOMATISÉE

Publication  
**EP 4244950 A1 20230920 (EN)**

Application  
**EP 21953004 A 20210809**

Priority  
• US 202117390993 A 20210801  
• US 2021045268 W 20210809

Abstract (en)  
[origin: CN115039314A] The invention provides an automatic charging management system. The automatic charging management system comprises a charging line management device, a charging line connector, a power supply, an electronic device, a first charging line and a second charging line, the charging line management device obtains the position of the power supply, the charging line management device enables the second charging line and the charging line connector to be matched with the power supply, and the charging line connector can be connected with the power supply without human operation so as to charge the electronic device.

IPC 8 full level  
**H02J 7/00** (2006.01)

CPC (source: CN EP)  
**B65H 75/4486** (2013.01 - CN); **H02G 11/02** (2013.01 - EP); **H02J 7/00032** (2020.01 - CN); **H02J 7/0013** (2013.01 - EP); **H02J 7/0042** (2013.01 - CN EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP); **Y02T 90/16** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
CN 115039314 A 20220909; EP 4244950 A1 20230920; EP 4244950 A4 20240612

DOCDB simple family (application)  
CN 202180006045 A 20210809; EP 21953004 A 20210809