

Title (en)
ASSEMBLY SYSTEM

Title (de)
MONTAGESYSTEM

Title (fr)
SYSTÈME D'ASSEMBLAGE

Publication
EP 3477798 B1 20220323 (EN)

Application
EP 18202092 A 20181023

Priority
CN 201711007228 A 20171025

Abstract (en)
[origin: EP3477798A1] An assembly system, includes: an assembly mechanism comprising a fixation device for fixing a housing and a first lead assembly mechanism and a second lead assembly mechanism provided at both sides of the fixation device, respectively, wherein the first lead assembly mechanism is adapted to insert a first lead into the housing, the second lead assembly mechanism is adapted to insert a second lead into the housing, and the first lead is inserted into the housing before the second lead. The assembly system further comprises a pressing mechanism adapted to hold the first lead inserted into the housing at a correct installation position, so as to prevent the first lead from being offset from its correct installation position and hindering operation of inserting the second lead during inserting the second lead. The assembly system may automatically complete the task of assembling the first lead and the second lead into the housing, improving the efficiency of inserting the leads into the housing, and increasing the quality of the assembly product.

IPC 8 full level
H01R 43/26 (2006.01)

CPC (source: EP)
H01R 43/0263 (2013.01); **H01R 43/20** (2013.01); **H01R 43/26** (2013.01)

Citation (examination)
EP 1220366 A2 20020703 - SUMITOMO WIRING SYSTEMS [JP]

Cited by
CN112421328A; CN110311285A; DE102020119422A1; EP3944418A1; US11729916B2; DE102020119423A1; EP3944417A1; US11843191B2

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

DOCDB simple family (publication)
EP 3477798 A1 20190501; **EP 3477798 B1 20220323**; CN 109713544 A 20190503; CN 109713544 B 20210226

DOCDB simple family (application)
EP 18202092 A 20181023; CN 201711007228 A 20171025