

Title (en)
Supporting frame for modular connectors

Title (de)
Halterahmen für Steckverbindermodule

Title (fr)
Cadre support pour connecteurs modulaires

Publication
EP 0860906 B1 20040526 (DE)

Application
EP 98101937 A 19980205

Priority
DE 19707120 A 19970222

Abstract (en)
[origin: US6004162A] For a holding frame for holding plug connector modules and for installation in plug connector casings or for screwing onto wall surfaces, the plug connector modules being inserted in the holding frame and holding means on the plug connector modules interacting with recesses provided on opposite wall parts (side parts) of the holding frame, it is proposed that the holding frame be constructed from two halves connected to one another in an articulated manner and that the recesses for holding the plug connector modules be constructed, in the side parts of the holding frame, as openings which are closed all round. Under these circumstances, the holding frame is unfolded for the purpose of inserting the plug connector modules and is then closed, the plug connector modules then being held in a form-locking manner in the holding frame via the holding means.

IPC 1-7
H01R 13/518

IPC 8 full level
H01R 13/514 (2006.01); **H01R 13/518** (2006.01); **H01R 13/73** (2006.01)

CPC (source: EP US)
H01R 13/518 (2013.01 - EP US)

Cited by
DE102017124632A1; DE102014108847A1; DE102018102464B3; DE102013113975B4; DE102017129742A1; DE102018115421A1; DE102013102023B4; EP3014707B1; DE102018101790A1; WO2021185410A1; DE102015105407A1; WO2016162007A1; WO2021058058A1; CN109643866A; RU2698319C1; RU169568U1; RU2657870C2; KR101355749B1; WO2019080963A1; EP3863124A1; DE102021126400A1; DE102022107244A1; WO2018206048A1; WO2020164665A1; RU2627500C1; DE102014108847B4; RU2704607C1; CN110300908A; DE102019103562A1; DE202015101777U1; DE102013113974A1; DE102015222561A1; DE102017003198A1; WO2018184627A1; DE102017003198B4; DE102017125859A1; EP3930107A1; WO2015085994A1; US10050391B2; DE102015105392A1; WO2016162017A1; US10461463B2; WO2017220736A1; DE102017105077B4; DE102018101381A1; WO2019144987A1; US10530090B2; WO2015197052A1; US9793638B2; DE102016211300A1; DE102016123229A1; DE202015009753U1; US10559913B2; WO2011069521A1; US8292676B2; US8992266B2; US9577365B1; DE102015216929A1; DE202016008404U1; DE102013113976A1; WO2020156610A1; US11837856B2; DE102014110278A1; WO2016011998A1; US11152738B2; WO2023061530A1; WO2011069522A1; EP2930794A1; WO2018162216A1; DE102017108433A1; WO2018192617A1; WO2019114863A1; DE102017108433B4; US11482819B2; DE102021117400A1; WO2023280345A1; US11817648B2; DE102014215809A1; DE102017108432A1; WO2018192616A1; US10516239B2; US10530093B2; WO2020164661A1; US11038304B2; US11552425B2; WO2023186209A1; EP4333569A2; DE102013113975A1; DE102016213251A1; DE102016213286A1; WO2018015045A1; WO2018015332A1; DE102017108431A1; US10665982B2; US10686278B2; DE102017108431B4; EP4033612A1; DE102013102023A1; WO2014131397A1; DE102013113973A1; US9880357B2; DE102016116926A1; WO2018046056A1; WO2018149445A1; DE102017102885B4; WO2020001685A1; WO2020051842A1; US10935740B2; US11271341B2; DE102013102023C5; US11450989B2; US11705672B2; DE102013113973B4; DE202013103611U1; WO2015021960A1; WO2015085995A1; EP3217483A1; DE202014011219U1; DE202014011217U1; DE202014011218U1; DE202014011215U1; DE202014011214U1; DE202014011216U1; US10418773B2; US10424892B2; US10554007B2; US10665981B2; US11132320B2; DE202014011610U1; EP4280397A2; EP3217483B1; EP3117489B1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IE IT LI NL PT SE

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US 6004162 A 19991221; AT E268063 T1 20040615; CN 1122338 C 20030924; CN 1191400 A 19980826; DE 19707120 C1 19980625; DE 59811442 D1 20040701; DK 0860906 T3 20040809; EP 0860906 A2 19980826; EP 0860906 A3 20000308; EP 0860906 B1 20040526; ES 2221084 T3 20041216; HK 1011897 A1 19990723; JP 2888337 B2 19990510; JP H10241777 A 19980911; PT 860906 E 20041029

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US 2360998 A 19980213; AT 98101937 T 19980205; CN 98105325 A 19980220; DE 19707120 A 19970222; DE 59811442 T 19980205; DK 98101937 T 19980205; EP 98101937 A 19980205; ES 98101937 T 19980205; HK 98113127 A 19981210; JP 3879098 A 19980220; PT 98101937 T 19980205