

Title (en)  
Right angle pin or socket connector

Title (de)  
Buchsenleiste oder 90 -Stiftleiste

Title (fr)  
Connecteur à angle droit à broches ou douilles

Publication  
**EP 0696091 A3 19970910 (DE)**

Application  
**EP 95110060 A 19950628**

Priority  
DE 4427451 A 19940803

Abstract (en)  
[origin: EP0696091A2] The socket rail or 90 degree pin rail has front and rear sections, each provided by an insulator block, with both the front and rear part formed from individual modules of a module group in which each module is twice the size of the next smallest module. The assembled front and rear sections are of identical length and are coupled together so that the smaller modules of one section are bridged by the longer modules of the other section, e.g. by arranging their longer and shorter modules in reverse order.

IPC 1-7  
**H01R 23/70**

IPC 8 full level  
**H01R 12/18** (2006.01); **H01R 12/20** (2006.01); **H01R 12/71** (2011.01); **H01R 13/514** (2006.01)

CPC (source: EP US)  
**H01R 12/724** (2013.01 - EP US); **H01R 13/514** (2013.01 - EP US); **Y10T 29/49204** (2015.01 - EP US)

Citation (search report)

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- [DA] EP 0422785 A2 19910417 - AMP INC [US]
- [A] EP 0520283 A1 19921230 - DU PONT [US]
- [A] US 4343528 A 19820810 - LUCIUS JOHN E., et al
- [A] EP 0393251 A1 19901024 - DU PONT [US], et al

Cited by  
CN113258344A; US5807119A; WO9717741A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0696091 A2 19960207**; **EP 0696091 A3 19970910**; **EP 0696091 B1 20020123**; DE 4427451 C1 19960222; DE 59510009 D1 20020314; US 5639250 A 19970617

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**EP 95110060 A 19950628**; DE 4427451 A 19940803; DE 59510009 T 19950628; US 51032095 A 19950801