

Title (en)  
HIGH FREQUENCY CONNECTOR AND FLEXIBLE WIRING BOARD

Title (de)  
HOCHFREQUENZVERBINDER UND FLEXIBLE LEITERPLATTE

Title (fr)  
CONNECTEUR HAUTE FRÉQUENCE ET TABLEAU DE CONNEXION FLEXIBLE

Publication  
**EP 3736914 A1 20201111 (EN)**

Application  
**EP 20173391 A 20200507**

Priority  
JP 2019088663 A 20190508

Abstract (en)  
A connector having improved high-frequency transmission characteristics is provided. A high frequency connector (9) includes an insulator (10), and a plurality of contact terminals (20) arranged in a predetermined direction in the insulator (10). The plurality of contact terminals (20) include a plurality of ground terminals (20G) and a plurality of signal terminals (20S). Each of the ground terminals (20G) and the signal terminals (20S) includes an arm portion (20A) supported in a cantilever manner by the insulator (10). The arm portion (20A) includes a contact portion (22) and an inclined guide portion (23) extending from the contact portion (22) to a distal end of the arm portion (20A). The length of the inclined guide portion (23) of the signal terminal (20S) is shorter than the length of the inclined guide portion (23) of the ground terminal (20G).

IPC 8 full level  
**H01R 12/79** (2011.01); **H01R 12/77** (2011.01); **H01R 13/629** (2006.01); **H01R 13/6471** (2011.01); **H01R 13/6474** (2011.01)

CPC (source: EP)  
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Citation (applicant)  
JP 3029985 B2 20000410

Citation (search report)  
• [XY] US 5309630 A 19940510 - BRUNKER DAVID L [US], et al  
• [XY] US 2011189896 A1 20110804 - OKAMURA SEIJI [JP]  
• [Y] US 2016365658 A1 20161215 - HIKOSAKA TOMOHIRO [JP]  
• [A] US 6099328 A 20000808 - NELSON RICHARD A [US], et al  
• [A] US 9153888 B2 20151006 - KAJIURA MOTOMU [JP], et al

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)  
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