

Title (en)  
CONNECTOR FOR HIGH-SPEED TRANSMISSION

Title (de)  
VERBINDER FÜR HOCHGESCHWINDIGKEITSÜBERTRAGUNG

Title (fr)  
CONNECTEUR POUR TRANSMISSION HAUTE VITESSE

Publication  
**EP 3836314 A1 20210616 (EN)**

Application  
**EP 20213129 A 20201210**

Priority  
CN 201911264975 A 20191211

Abstract (en)  
According to an embodiment of the present disclosure, a connector for high-speed transmission is provided. A host connector (CNH) includes: a housing (1H) and a plurality of contacts (3H). The housing (1H) has a plurality of slots (10H). The plurality of contacts (3H) include signal contacts (3H) and ground contacts (3H) and are arranged in the slots (10H) along a Y direction which is a first direction orthogonal to the fitting direction of the connector. Partition walls (15H) are provided between the adjacent contacts (3H) in the slots (10H). The height of the partition walls (15H) between the signal contacts (3H) and the ground contacts (3H) in the fitting direction is lower than the height of other partition walls (15H) in the fitting direction.

IPC 8 full level  
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**H01R 4/06** (2013.01 - CN); **H01R 4/48185** (2023.08 - CN); **H01R 12/57** (2013.01 - CN); **H01R 12/716** (2013.01 - CN EP); **H01R 13/02** (2013.01 - CN); **H01R 13/46** (2013.01 - CN); **H01R 13/6461** (2013.01 - CN); **H01R 13/6471** (2013.01 - EP); **H01R 13/6477** (2013.01 - EP); **H01R 13/648** (2013.01 - CN); **H01R 13/6585** (2013.01 - CN); **H01R 12/73** (2013.01 - EP)

Citation (applicant)  
JP 2018156936 A 20181004 - MOLEX LLC

Citation (search report)  
• [A] US 2019207341 A1 20190704 - HUANG LIANG [CN]  
• [A] US 6093035 A 20000725 - LEMKE TIMOTHY A [US], et al  
• [A] WO 03094304 A1 20031113 - MOLEX INC [US]  
• [A] US 2010068942 A1 20100318 - KODERA MASAFUMI [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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