

Title (en)  
HYBRID COUPLER

Publication  
**EP 0176054 A3 19880601 (DE)**

Application  
**EP 85111954 A 19850920**

Priority  
DE 3435312 A 19840926

Abstract (en)  
[origin: EP0176054A2] The invention relates to a hybrid coupler for at least two outputs. Such a coupler should have a broad bandwidth and be space-saving in its construction, as well as having different levels of coupling. The invention provides that a sheet plate (P) with a metallic, conductive coating on both sides is applied vertically onto a carrier substrate provided with conductor paths, to which sheet plate (P) the conductor paths of the carrier substrate are supplied, at intervals of approximately  $\lambda/4$ , as connections of the coupler. <IMAGE>

IPC 1-7  
**H01P 5/18**

IPC 8 full level  
**H01P 5/18** (2006.01)

CPC (source: EP)  
**H01P 5/187** (2013.01)

Citation (search report)

- [X] US 4150345 A 19790417 - GOLDMAN MARK B, et al
- [A] DE 1909092 A1 19690911 - WESTERN ELECTRIC CO
- [A] US 4323863 A 19820406 - WEBER ROBERT J
- [Y] PATENT ABSTRACTS OF JAPAN, Band 5, Nr. 19 (E-44)[691], 4. Februar 1981; & JP-A-55 147 804 (NIPPON DENKI K.K.) 18-11-1980

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**EP 0176054 A2 19860402; EP 0176054 A3 19880601**; DE 3435312 A1 19860403

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