

Title (en)  
Waveguide connection arrangements.

Title (de)  
HohlleiterverbindungsVorrichtung.

Title (fr)  
Joint de guides d'ondes.

Publication  
**EP 0128686 A1 19841219 (EN)**

Application  
**EP 84303543 A 19840525**

Priority  
GB 8314805 A 19830527

Abstract (en)  
A two-part slidably detachable waveguide connector, particularly for a radar system, is provided on one part with a slidable first outwardly spring biased waveguide portion (10), on the other part with a second mating waveguide portion (3) and on either part with a tubular guide (1) which relatively locates the waveguide portions and surrounds their mating interface (9, 11) when they are attached. One of the waveguide connector parts may be mounted on the rear of rack-mounted radar equipment (21) and the other part in a corresponding position on the rack (22), so that the parts may be rapidly engaged or disengaged by merely sliding the equipment into or out of the rack.

IPC 1-7  
**H01P 1/04**

IPC 8 full level  
**C07C 219/30** (2006.01); **F16B 7/20** (2006.01); **H01P 1/04** (2006.01)

CPC (source: EP)  
**H01P 1/042** (2013.01)

Citation (search report)  
• [A] US 2928059 A 19600308 - GEORGE CHAMBERLAIN, et al  
• [A] US 3383633 A 19680514 - HAVLICSEK ALEXANDER M, et al

Cited by  
EP0239912A1; FR2596584A1; US4768006A; EP3382792A1; US11158923B2; WO2018178349A1

Designated contracting state (EPC)  
CH DE FR IT LI NL SE

DOCDB simple family (publication)  
**EP 0128686 A1 19841219; EP 0128686 B1 19881207**; AU 2968284 A 19841218; AU 559622 B2 19870312; CA 1218428 A 19870224; DE 3475588 D1 19890112; GB 2140977 A 19841205; GB 2140977 B 19860723; GB 8413525 D0 19840704; JP S60501485 A 19850905; WO 8404854 A1 19841206

DOCDB simple family (application)  
**EP 84303543 A 19840525**; AU 2968284 A 19840525; CA 455105 A 19840525; DE 3475588 T 19840525; GB 8400180 W 19840525; GB 8413525 A 19840525; JP 50230384 A 19840525