

Title (en)
Waveguide connection arrangements.

Title (de)
Hohlleiterverbindungsanordnung.

Title (fr)
Joint de guides d'ondes.

Publication
EP 0128686 A1 19841219 (EN)

Application
EP 84303543 A 19840525

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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.

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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

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