

Title (en)

BLIND MATE CAPACITIVELY COUPLED CONNECTOR

Title (de)

BLINDSTECKBARER KAPAZITIV GEKOPPELTER VERBINDER

Title (fr)

CONNECTEUR À COUPLAGE CAPACITIF À ASSEMBLAGE À L'AVEUGLE

Publication

EP 2777098 A1 20140917 (EN)

Application

EP 12847346 A 20121110

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- US 201213571073 A 20120809
- US 201213644081 A 20121003
- US 201213673373 A 20121109
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Abstract (en)

[origin: WO2013071206A1] A connector with a capacitively coupled connector interface for interconnection with a female portion is provided with an annular groove, with a sidewall, open to an interface end of the female portion. A male portion is provided with a male outer conductor coupling surface at an interface end, covered by an outer conductor dielectric spacer. The male portion is retained with a range of radial movement, with respect to a longitudinal axis of the male portion, by a bias web of a float plate. The male outer conductor coupling surface is dimensioned to seat, spaced apart from the sidewall by the outer conductor dielectric spacer, within the annular groove, when the male portion and the female portion are in an interlocked position.

IPC 8 full level

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