

Title (en)

LOW COST EXTRUDABLE ISOLATOR FROM SLIT-TAPE

Title (de)

PREISWERTER EXTRUDIERBARER ISOLATOR AUS SCHLITZBAND

Title (fr)

ISOLATEUR EXTRUDABLE À FAIBLE COÛT À PARTIR DE BANDE FENDUE

Publication

EP 3953951 A1 20220216 (EN)

Application

EP 20721982 A 20200330

Priority

- US 201962830975 P 20190408
- US 2020025774 W 20200330

Abstract (en)

[origin: WO2020210075A1] A dielectric isolator for a twisted pair cable includes a body formed as an elongate strip with a top surface, bottom surface, a first side edge and a second side edge. A first slot is formed in the first side edge and extends at least half way toward the center of the isolator. A second slot is formed in the second side edge and extends at least half way toward the center of the isolator. During cable manufacturing, first and second wedges open the first and second slots. First and second twisted pairs are inserted into the first and second opened slots, respectively. Third and fourth twisted pairs reside at the top and bottom surface, respectively. The isolator has the cost and reel storage savings of a flat separator tape, while simultaneously providing the internal crosstalk performance of the isolator.

IPC 8 full level

H01B 11/04 (2006.01); **H01B 13/24** (2006.01)

CPC (source: EP)

H01B 3/441 (2013.01); **H01B 3/445** (2013.01); **H01B 11/04** (2013.01); **H01B 13/24** (2013.01)

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Designated extension state (EPC)

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