

Title (en)
COMMUNICATIONS CABLE, AND APPARATUS FOR MANUFACTURING THE SAME

Title (de)
NACHRICHTENKABEL UND ANLAGE ZUR HERSTELLUNG VON SOLCHE KABEL

Title (fr)
CABLE DE COMMUNICATION, ET INSTALLATION DE FABRICATION IDOINE

Publication
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Application
EP 02708331 A 20020226

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Abstract (en)
[origin: WO02073634A2] A method, an extrusion apparatus (11, 111) and a plant (6) for continuously manufacturing a communication cable (1, 101, 201, 301) are described, wherein a plurality of twisted pairs (49) of insulated conductors (50) are housed in respective cavities (53) longitudinally formed within an elongated integral body (2). The cavities (53) have a substantially circular cross-section and a maximum diameter (Dmax) adapted to prevent any relative movement of the twisted pairs (49) of insulated conductors (50) with respect to one another, while each of said pairs (49) of insulated conductors (50) is substantially free to move within said cavities (53) along the longitudinal direction (X-X) of the cable (1, 201, 301). Advantageously, the communications cable (1, 101, 201, 301) of the invention has both the desired electrical characteristics, such as a reduced cross-talk and good electrical stability, and mechanical characteristics which enable the cable (1, 101, 201, 301) to be easily manufactured, handled and installed.

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