

Title (en)

BUILDING HAVING A METAL, ELECTRICALLY CONDUCTIVE TUBE, ELECTRICAL LINE POSITIONED IN A TUBE OF THIS TYPE, AND METAL, ELECTRICALLY CONDUCTIVE TUBE FOR THIS PURPOSE

Title (de)

GEBÄUDE MIT EINEM METALLISCHEN, ELEKTRISCH LEITFÄHIGEN ROHR SOWIE IN EINEM SOLCHEN ROHR VERLEGTE ELEKTROLEITUNG UND METALLISCHES, ELEKTRISCH LEITFÄHIGES ROHR HIERZU

Title (fr)

BÂTIMENT DOTÉ D'UN TUBE MÉTALLIQUE ÉLECTROCONDUCTEUR ET LIGNE ÉLECTRIQUE POSÉE DANS UN TEL TUBE ET TUBE ÉLECTROCONDUCTEUR CORRESPONDANT

Publication

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Application

**EP 18749764 A 20180731**

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Abstract (en)

[origin: WO2019025417A1] The invention relates to a building (3) comprising a metal, electrically conductive tube (1), and electrical lines (2) positioned in a tube of this type for electrically powering a building, as well as a tube of this type, wherein the tube is composed of multiple tube sections (5, 6) connected to one another by means of a tubular connection part (4) in an extension direction of the tube, the connection part is metal and electrically conductive, and the tube sections have end sections (7, 8) and the end sections are facing one another, wherein the tube sections have outer surfaces (10, 11) and the connection part has an inner surface (9), wherein the connection part extends with its inner surface facing the outer surfaces and overlapping the outer surfaces in overlapping sections (A, B), and the connection of the tube sections is achieved as a result of plastic deformation of the connection part in the overlapping sections and of the tube sections in the end sections, and a respective contact means (K) is effective in the overlapping sections between the inner surface and the outer surfaces, which ensures the electrically conductive connection between the first end section and the connection part and the connection part and the second end section via an indentation in the inner surface or the outer surfaces, or via fluidic contact between the outer surfaces and the inner surface.

IPC 8 full level

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