

ABSTRACT OF THE DISCLOSURE

WIRE CONNECTION AND DISTRIBUTION CASING WITH
CONNECTING PART, HOLLOW PIPE COLUMNS AND CONNECTED
PART FOR COMMUNICATION CABLES

A wire connection and distribution casing (1) with a connecting part, hollow pipe columns and a connected part for communication cables includes at least one cable inlet and outlet end face (2) and at least one connected part (8). At least one connecting part (3) and at least one hollow pipe column (801) which is provided for the communication cables (502) penetrating through the cable inlet and outlet end face (2) and entering into the wire connection and distribution casing (1) for the communication cables are formed on the cable inlet and outlet end face (2), and the communication cables (502) which are to penetrate through the hollow pipe columns (801) form waterproof structures by means of elastic shrinkable pipes, and the connected part (8) and the communication cables (502) which are to penetrate through the connecting part (3) and enter into the wire connection and distribution casing (1) for the communication cables form a waterproof structure by means of one of a first part, a second part and a combination thereof, the first part being waterproofed by way of mechanical means and the second part being waterproofed by way of elastic shrinkable pipes. The connected part (8) may form a waterproof structure by combining with the connecting part (3). The invention involves many problems which result from the waterproof means of the wire connection and distribution casing for the communication cables in the prior art.

Fig 2(a)