Title (en)

DISTRIBUTION DEVICE IN A SUBSCRIBER CONNECTION AREA

Title (de)

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Title (fr)

DISPOSITIF DE DISTRIBUTION DANS LA ZONE DE CONNEXION D'ABONNES

Publication

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Application

EP 06753561 A 20060511

Priority

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Abstract (en)

[origin: WO2006122699A1] The invention relates to a distribution device (1) in a subscriber connection area, comprising two switching devices (2, 3), two switching matrices (4, 5), a DLSAM (6) with allocated splitter modules (7) and at least one controller (14). The invention is characterized in that the first switching device (2) has m entries (8), m first exits (9) und m second exits (10), one switching element (13) being allocated to a first and second exit (9, 10) respectively, in order to selectively connect one allocated entry (8) to the first or second exit (9, 10). The second switching device (3) has m first entries (11), m second entries (21) and m exits (23), one switching element (22) being allocated to a first entry (11) and a second entry (21), in order to selectively connect an allocated exit (23) to the first or second entry (11 , 21). The first switching matrix (4) has m entries (12) and n exits (15) and the second switching matrix (5) has n entries (19) and m exits (20), wherein n < m. The entries (8) of the first switching device (2) are connectable to an exchanger. The first exits (9) of the first switching device (2) can be connected to the first entries (11) of the second switching device (3) and the second exits (10) of the first switching device (2) can be connected to the entries (12) of the first switching matrix (4). The second entries (21) of the second switching device (3) can be connected to the exits (20) of the second switching matrix (5) and the exits (23) of the second switching device (3) can be connected to subscriber lines. The splitter modules (7) comprise POTS connections, data connections and POTS/data connections (16, 17, 18). The exits (15) of the first switching matrix (4) are connected to the POTS connections (16), the data connections (17) are connected to the DSLAM (6) and the POTS/data connections (18) are connected to the entries (19) of the second switching matrix (5). The controller (14) controls the first and second switching devices (2, 3) as well as the switching matrices (4, 5).

IPC 8 full level

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Citation (search report)

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