Title (en)
ASYMMETRIC RELAY COMMUNICATION SYSTEM BETWEEN UP-AND DOWN-LINKS

Title (de)
ASYMETRISCHES RELAYKOMMUNIKATIONSSYSTEM ZWISCHEN AUFWÄRTS-ABWÄRTSSTRECKEN

Title (fr)
SYSTÈME DE COMMUNICATION À RELAIS ASYMÉTRIQUE ENTRE DES LIAISONS MONTANTE ET DESCENDANTE

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Application
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Abstract (en)
[origin: WO2007148871A1] The present invention has an asymmetric structure in which a down-link signal from a central station to terminals and an up-link signal from the terminals to the central station are transmitted through paths different from each other. Especially, the present invention adopts a relay data transmission in a process of transmitting the up-link signal in which the up-link signal from a terminal in a lower layer is received by a terminal in an upper layer and then the signal is transmitted to the next upper layer. Moreover, the layer of the terminal (20) is set based on layer information transmitted from the central station (10). The central station (10) adjusts the intensity of a radio signal carrying the layer information at a level suitable for the layer and transmits the signal, and the terminal (20) having received such a signal sets its layer based on the layer information received from the central station (10).

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