

Title (en)

METHOD FOR CALL ADMISSION CONTROL IN A TELECOMMUNICATION SYSTEM

Title (de)

VERFAHREN ZUR RUFZULASSUNGSSTEUERUNG IN EINEM TELEKOMMUNIKATIONSSYSTEM

Title (fr)

PROCEDE D'ADMISSION DES APPELS DANS UN SYSTEME DE TELECOMMUNICATION

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Application

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Abstract (en)

[origin: WO02071785A1] The invention concerns a method for call or connection admission control, in a telecommunication system, in particular of the digital type. For each current connection and each requested connection, the method consists in: determining a parameter which depends on the bandwidth and the power of the connection, and in summing the parameters for all the connections. The requested connection is granted if the sum of said parameters does not exceed a predetermined threshold. In one embodiment, the parameter for each connection is homogeneous with a power level. The parameter is, for example, the product of a terminal or a base station power by a dimensionless coefficient proportional to a bandwidth. The invention is applicable to a telecommunications system wherein terminals (141, 142, 143) communicate with a base station (12), for example via satellites.

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