

Title (en)

METHOD AND APPARATUS FOR ALLOCATING A COMMUNICATION CHANNEL IN A COMMUNICATION SYSTEM

Title (de)

VERFAHREN UND EINRICHTUNG ZUR KOMMUNIKATIONSKANALZUTEILUNG IN EINEM KOMMUNIKATIONSSYSTEM

Title (fr)

PROCEDE ET APPAREIL D'ATTRIBUTION D'UN CANAL DE TRANSMISSION DANS UN SYSTEME DE TELECOMMUNICATION

Publication

**EP 0801871 A4 19990818 (EN)**

Application

**EP 96935782 A 19960820**

Priority

- US 9613483 W 19960820
- US 55159095 A 19951101

Abstract (en)

[origin: WO9716931A1] A communication system (115) receives a paging signal (103) from a mobile station (100) requesting service and, if the paging signal (103) contains information identifying the service request as an emergency (502), a communication channel in a base transceiver station (105, 107, 109) is directly allocated to service the mobile station (100). If a communication channel is not immediately available, the communication system (115) will try to make a communication channel available. A distinct aspect of the communication system (115) is that it monitors an indicator (600) representative of the emergency call traffic on the communication system (115). Based upon the status of the indicator (600), the communication system (115) takes appropriate measures (440) to provide priority service for those mobile stations (100) having a priority access class. By providing priority service in this manner, the communication system (115) efficiently allocates the communication resource to the mobile stations (100) with priority access classes which need those resources urgently.

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**H04Q 7/00**

IPC 8 full level

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CPC (source: EP)

**H04W 4/90** (2018.01); **H04W 76/50** (2018.01); **H04W 72/12** (2013.01); **H04W 72/56** (2023.01); **H04W 76/30** (2018.01)

Citation (search report)

- [X] DE 3334886 A1 19850418 - LICENTIA GMBH [DE]
- [X] EP 0304955 A2 19890301 - NEC CORP [JP]
- [X] WO 9522870 A2 19950824 - NOKIA TELECOMMUNICATIONS OY [FI], et al
- [A] WO 9317531 A1 19930902 - ERICSSON TELEFON AB L M [SE]
- See references of WO 9716931A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 9716931 A1 19970509**; BR 9606721 A 19980113; CA 2205067 A1 19970509; CN 1145371 C 20040407; CN 1167559 A 19971210; EP 0801871 A1 19971022; EP 0801871 A4 19990818; JP 3818668 B2 20060906; JP H10512432 A 19981124; KR 100267050 B1 20000915

DOCDB simple family (application)

**US 9613483 W 19960820**; BR 9606721 A 19960820; CA 2205067 A 19960820; CN 96191304 A 19960820; EP 96935782 A 19960820; JP 51730797 A 19960820; KR 19970704555 A 19970701