

Title (en)
PROCESS FOR SECURING COMMUNICATION CONNECTIONS AND ASSOCIATED BILLING IN A REDUNDANT COMMUNICATION NETWORK

Title (de)
VERFAHREN ZUR SICHERUNG DER KOMMUNIKATIONSVERBINDUNGEN UND DER ZUGEHÖRIGEN VERGEBUEHRUNGEN IN EINEM REDUNDANTEN KOMMUNIKATIONSNETZWERK

Title (fr)
PROCEDE PERMETTANT DE GARANTIR LES LIAISONS DE COMMUNICATION ET LA FACTURATION ASSOCIEE DANS UN RESEAU DE COMMUNICATION REDONDANT

Publication
EP 1817869 A1 20070815 (DE)

Application
EP 05791975 A 20051012

Priority
• EP 2005055187 W 20051012
• DE 102004056983 A 20041125

Abstract (en)
[origin: WO2006056508A1] In a process for securing communication connections and associated billing in a communication network (1) with a redundant structure, terminals (7.1-7.x, 11, 12) communicate via brokers (2), preferably an IP bearer, by means of messages (13), the correct operation of the terminals (7.1-7.x, 11, 12) and/or hardware units (14, 15) being monitored by a monitoring function and the physical functions of broken down hardware units (14) being taken over when one or more hardware units (14, 15) break down (14.1). Immediately after the physical functions are taken over, the operative hardware units (15) transmit a message (17) to the terminals involved (7.1-7.x, 11, 12) and, in addition, ensure that the monitoring function is carried out by the still operative hardware units (15).

IPC 8 full level
H04L 69/40 (2022.01); **H04M 7/00** (2006.01)

CPC (source: EP US)
H04L 43/0817 (2013.01 - EP US); **H04L 67/125** (2013.01 - EP US); **H04L 67/14** (2013.01 - EP US); **H04L 69/28** (2013.01 - EP US); **H04L 69/40** (2013.01 - EP US); **H04M 7/0084** (2013.01 - EP US); **H04M 15/56** (2013.01 - EP US); **H04M 3/08** (2013.01 - EP US); **H04M 2215/202** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102004056983 A1 20060601; CN 101065927 A 20071031; EP 1817869 A1 20070815; US 2008049608 A1 20080228; WO 2006056508 A1 20060601

DOCDB simple family (application)
DE 102004056983 A 20041125; CN 200580040468 A 20051012; EP 05791975 A 20051012; EP 2005055187 W 20051012; US 79169205 A 20051012