

Title (en)

DEMULTIPLEXER, A PROTECTION SWITCH UNIT, A TELECOMMUNICATION NETWORK AND A METHOD OF DEMULTIPLEXING

Title (de)

DEMULTIPLEXER, SICHERHEITSSCHALTEINHEIT, EIN TELEKOMMUNIKATIONSNETZWERK UND VERFAHREN ZUM DEMULTIPLEXEN

Title (fr)

DEMULTIPLEXEUR, UNITE DE COMMUTATION DE SECOURS, DE RESEAU DE TELECOMMUNICATIONS ET PROCEDE DE DEMULTIPLEXAGE

Publication

**EP 0873609 A1 19981028 (EN)**

Application

**EP 96917759 A 19960524**

Priority

- SE 9600679 W 19960524
- SE 9502010 A 19950601

Abstract (en)

[origin: WO9638943A1] A demultiplexer which in a demultiplexing process selects an output for a signal received on input, a protection switch unit which includes one such demultiplexer and a telecommunications network which includes one such protection switch unit, wherein the demultiplexer has an input (IN+, IN-) and at least two outputs (OUT1+, OUT1-, OUT2+, OUT2-). A first connection point (IN1+) in the input is connected to a first transmission line (TLINE\_1) for conducting an input signal thereto. A first connection point (OUT1+, OUT2+) in each output is connected to the transmission line (TLINE\_1) via a respective first controllable signal forwarding device (Q1, Q2). An externally controllable signal switch means (S1, S2) is also connected to each output. A switch means (S1) controls one of said first signal forward devices (Q1) to forward the signal that is applied over the first transmission line (TLINE\_1) to the first connection point (OUT1+) in a selected output.

IPC 1-7

**H04J 3/14**; **H04J 3/02**

IPC 8 full level

**H03K 17/62** (2006.01); **H04J 3/04** (2006.01); **H04J 3/14** (2006.01)

CPC (source: EP KR)

**H03K 17/6285** (2013.01 - EP); **H04B 3/14** (2013.01 - KR); **H04J 3/047** (2013.01 - EP); **H04J 3/14** (2013.01 - EP)

Citation (search report)

See references of WO 9638943A1

Designated contracting state (EPC)

DE ES FI FR GB

DOCDB simple family (publication)

**WO 9638943 A1 19961205**; AU 6019696 A 19961218; AU 705430 B2 19990520; CA 2222624 A1 19961205; CN 1191642 A 19980826; EP 0873609 A1 19981028; JP H11507480 A 19990629; KR 19990021881 A 19990325; SE 504533 C2 19970303; SE 9502010 D0 19950601; SE 9502010 L 19961202

DOCDB simple family (application)

**SE 9600679 W 19960524**; AU 6019696 A 19960524; CA 2222624 A 19960524; CN 96195662 A 19960524; EP 96917759 A 19960524; JP 53599596 A 19960524; KR 19970708356 A 19971122; SE 9502010 A 19950601