

Title (en)
PROCESS FOR MAINTAINING MICROSYNCHRONOUS OPERATION OF DOUBLE INFORMATION-PROCESSING UNITS

Title (de)
VERFAHREN ZUR AUFRECHTERHALTUNG DES MIKROSYNCHRONEN BETRIEBS VON GEDOPPELTEN
INFORMATIONSVERRARBEITENDEN EINHEITEN

Title (fr)
PROCEDE DE MAINTIEN DU FONCTIONNEMENT MICROSYNCHRONE D'UNITES DOUBLEES POUR LE TRAITEMENT D'INFORMATIONS

Publication
EP 0852863 A2 19980715 (DE)

Application
EP 96938954 A 19960926

Priority
• DE 9601843 W 19960926
• DE 19536518 A 19950929

Abstract (en)
[origin: DE19536518A1] The units (CTR0, CTR1) are under the influence of mutually independent clock pulses (SCLK, RXCK). In order to prevent the loss of microsynchronization when information is transferred from one clock system to another, and owing to different error situations as concerns the information received by the units, the information received is stored temporarily before being passed on for processing or the processing result information is stored temporarily before being emitted. If reception is error-free, the units are cross-synchronized. If, owing to faulty reception, a synchronous signal fails in the case of one partner unit, this unit rejects the information received despite the fact that it is error-free.

IPC 1-7
H04L 12/56; **H04Q 11/04**

IPC 8 full level
G06F 11/18 (2006.01); **H04L 12/933** (2013.01); **H04L 12/939** (2013.01); **H04Q 11/04** (2006.01); **H04L 12/70** (2013.01); **H04L 12/931** (2013.01)

CPC (source: EP US)
H04L 49/153 (2013.01 - EP US); **H04L 49/1553** (2013.01 - EP US); **H04L 49/552** (2013.01 - EP US); **H04L 49/555** (2013.01 - EP US); **H04Q 11/0478** (2013.01 - EP US); **H04L 49/1523** (2013.01 - EP US); **H04L 49/40** (2013.01 - EP US); **H04L 2012/5627** (2013.01 - EP US); **H04L 2012/5674** (2013.01 - EP US)

Citation (search report)
See references of WO 9713203A2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
DE 19536518 A1 19970410; **DE 19536518 C2 19980709**; CA 2233358 A1 19970410; CN 1097914 C 20030101; CN 1198279 A 19981104; EP 0852863 A2 19980715; JP H11512854 A 19991102; US 6353622 B1 20020305; WO 9713203 A2 19970410; WO 9713203 A3 19970515

DOCDB simple family (application)
DE 19536518 A 19950929; CA 2233358 A 19960926; CN 96197325 A 19960926; DE 9601843 W 19960926; EP 96938954 A 19960926; JP 51388497 A 19960926; US 4398598 A 19980327