

Title (en)

SYSTEM AND PROCESS FOR TRANSMITTING AND EVALUATING DATA IN A BUS SYSTEM HAVING A RING TOPOLOGY

Title (de)

SYSTEM UND VERFAHREN ZUR ÜBERTRAGUNG UND BEWERTUNG VON DATEN IN EINEM BUSSYSTEM MIT RINGTOPOLOGIE

Title (fr)

SYSTEME ET PROCEDE POUR TRANSMETTRE ET EVALUER DES DONNEES DANS UN SYSTEME DE BUS A TOPOLOGIE ANNULAIRE

Publication

**EP 1738532 A1 20070103 (DE)**

Application

**EP 05742925 A 20050413**

Priority

- EP 2005051638 W 20050413
- DE 102004018316 A 20040413

Abstract (en)

[origin: WO2005101749A1] System and process for transmitting and evaluating data, with at least two subscribers which participate in the evaluation, as well as corresponding subscribers. Data are transmitted in data frames and at least one position in the data frame is associated with each of the subscribers which participate in the evaluation. Data are transmitted over a plurality of transmission paths, each transmission path forming a ring, a coupling unit being provided for each ring in each of the subscribers which participate in the evaluation in order to couple the data concerning the present subscriber which participates in the evaluation to the at least one position in the data frame provided for that purpose, while the remaining data in the data frame positions to which no data are coupled concerning said subscriber are retransmitted without being processed.

IPC 8 full level

**H04L 12/40** (2006.01); **H04L 12/433** (2006.01)

CPC (source: EP)

**H04L 12/433** (2013.01)

Citation (search report)

See references of WO 2005101749A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005101749 A1 20051027**; CN 1943177 A 20070404; DE 102004018316 A1 20051103; EP 1738532 A1 20070103; JP 2007533226 A 20071115

DOCDB simple family (application)

**EP 2005051638 W 20050413**; CN 200580011257 A 20050413; DE 102004018316 A 20040413; EP 05742925 A 20050413; JP 2007507801 A 20050413