

Title (en)
A DISTRIBUTED CONTROL COMMUNICATIONS SYSTEM.

Title (de)
NACHRICHTENSYSTEM MIT VERTEILTER STEUERUNG.

Title (fr)
SYSTEME DE COMMUNICATIONS A COMMANDE DISTRIBUEE.

Publication
EP 0097180 A1 19840104 (EN)

Application
EP 83900006 A 19821217

Priority
AU PF198681 A 19811217

Abstract (en)
[origin: WO8302206A1] A local area network communications system for a plurality of subscribers has distributed network control and provides random access capability. Each subscriber (130, 230, 330, 430) is connected to a transmission medium (100) via a respective access unit (120, 220, 320, 420). Each access unit contains a control unit (121), and network control is progressively transferred from one control unit to the next in a cyclical manner without the need for centralized control. When a particular control unit has network control, it provides the logical connection between its subscriber and the transmission medium if communication with another subscriber is requested.

IPC 1-7
H04L 5/00; H04L 5/06; H04L 27/00

IPC 8 full level
H04J 1/00 (2006.01); **H04B 7/26** (2006.01); **H04L 12/417** (2006.01); **H04Q 7/28** (2006.01)

CPC (source: EP)
H04L 12/4035 (2013.01); **H04L 12/417** (2013.01)

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
WO 8302206 A1 19830623; EP 0097180 A1 19840104; EP 0097180 A4 19850820; JP S58502129 A 19831208

DOCDB simple family (application)
AU 8200210 W 19821217; EP 83900006 A 19821217; JP 50013383 A 19821217