

Title (en)

IMPROVED SPOT BEAM SATELLITE GROUND SYSTEMS

Title (de)

SATELLITEN-BODENSYSTEME MIT VERBESSERTEM SPOT-STRAHL

Title (fr)

SYSTÈMES TERRIENS DE COMMUNICATION PAR SATELLITE À FAISCEAU ÉTROIT AMÉLIORÉS

Publication

EP 2074713 A2 20090701 (EN)

Application

EP 07868346 A 20070926

Priority

- US 2007079577 W 20070926
- US 82703806 P 20060926
- US 82804506 P 20061003
- US 82804606 P 20061003
- US 82804806 P 20061003
- US 82803206 P 20061003
- US 82803406 P 20061003
- US 82803506 P 20061003
- US 82803806 P 20061003
- US 82804706 P 20061003

Abstract (en)

[origin: WO2008060760A2] A system for improved satellite broadband communication is disclosed in one embodiment. The system uses spot beams that carry a high-bandwidth signal and generally on a single carrier. The communication between gateways and subscriber terminals is bi-directional. Both upstream and downstream improvements allow for the high bandwidth. Domains can be defined and can be mapped to physical sub-channels. Other improvements in the satellite modem provide for control of the domains and sub-channels.

IPC 8 full level

H04B 7/185 (2006.01)

CPC (source: EP)

H04B 7/18582 (2013.01)

Citation (search report)

See references of WO 2008060760A2

Citation (examination)

- US 2004085976 A1 20040506 - DALE MARK [US], et al
- EP 1387546 A2 20040204 - BROADCOM CORP [US]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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