

Title (en)

APPARATUS AND METHODS FOR SATELLITE COMMUNICATION

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR SATELLITENKOMMUNIKATION

Title (fr)

APPAREIL ET PROCÉDÉS POUR UNE COMMUNICATION SATELLITE

Publication

**EP 2210289 A4 20140521 (EN)**

Application

**EP 08799216 A 20080905**

Priority

- US 2008075372 W 20080905
- US 2007081763 W 20071018
- US 2008063853 W 20080516

Abstract (en)

[origin: WO2009051907A1] A communications system and method are disclosed that may include a constellation of satellites operating in a substantially equatorial, non-geosynchronous orbit; a plurality of ground stations configured to communicate with the satellites, at least one given ground station of the ground stations lacking a wired connection to any global communications network; and at least one gateway station coupled to a global communications network and to at least one said satellite, wherein each satellite includes at least one antenna having a steerable beam, the antenna being controllable to continuously direct a concentrated spot beam toward the given ground station.

IPC 8 full level

**H04B 7/19** (2006.01)

CPC (source: EP KR)

**H01Q 1/28** (2013.01 - KR); **H01Q 21/06** (2013.01 - KR); **H04B 7/18513** (2013.01 - EP); **H04B 7/19** (2013.01 - EP KR)

Citation (search report)

- [X] WO 0041340 A1 20000713 - HUGHES ELECTRONICS CORP [US]
- [X] US 6102335 A 20000815 - CASTIEL DAVID [US], et al
- [X] DE 2252370 A1 19730503 - RCA CORP
- See references of WO 2009051907A1

Cited by

US11070282B2; US11502745B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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