Title (en)

METHOD FOR TRANSMITTING STATUS MESSAGES TO USER TERMINALS OF A SATELLITE DATA LINK SYSTEM, ESPECIALLY IN A SATELLITE NAVIGATION SYSTEM

Title (de)

VERFAHREN ZUR BERTRAGUNG VON STATUSNACHRICHTEN AN ENDGER&Au ml;TE EINES SATELLITEN-DATEN BERTRAGUNGSSYSTEMS, INSBESONDERE IN EINEM SATELLITEN-NAVIGATIONSSYSTEM

Title (fr)

PROCEDE POUR TRANSMETTRE DES MESSAGES CONCERNANT DES ETATS AUX TERMINAUX D'UN SYSTEME DE TRANSMISSION DE DONNEES PAR SATELLITE, NOTAMMENT D'UN SYSTEME DE NAVIGATION PAR SATELLITE

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Application

EP 02790334 A 20021105

Priority

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Abstract (en)

[origin: WO03040749A1] The invention relates to a method for transmitting status messages (INTEGRITY) to user terminals of a satellite data link system, especially a satellite navigation system. According to the invention, the status messages are split up into data blocks (1) that are smaller than the data blocks (NAV1, NAV2) of useful data to be transmitted. At least one data block (1) each of the status messages is inserted in subsequent data blocks (NAV1, NAV2) of useful data. When the status messages (INTEGRITY) are modified, a modification message (2) is inserted in subsequent data blocks (NAV1, NAV2) of useful data, replacing one or more data blocks (1) of the status messages.

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IPC 8 full level

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CPC (source: EP US)

G01S 19/08 (2013.01 - EP US)

Citation (search report)

See references of WO 03040749A1

Citation (examination)

- BURGER T. ET AL: "Selected Signal Analysis Results for Galileo", ROCEEDINGS OF THE 14TH INTERNATIONAL TECHNICAL MEETING OF THE SATELLITE DIVISION OF THE INSTITUTE OF NAVIGATION (ION GPS 2001), 11 September 2001 (2001-09-11) - 14 September 2001 (2001-09-14), SALT LAKE CITY, UT, pages 1291 - 1303
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