

(19) 世界知的所有権機関
国際事務局

167167

(43) 国際公開日
2002 年 10 月 24 日 (24.10.2002)

PCT

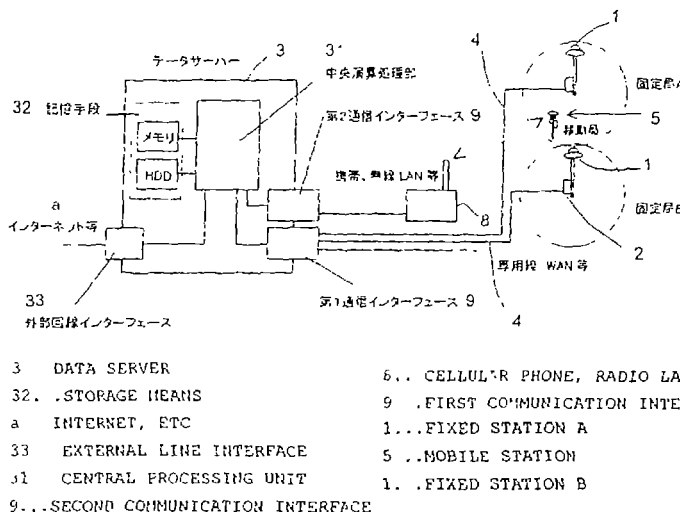
(10) 国際公開番号
WO 02/084321 A1

- (51) 国際特許分類⁷: G01S 5/14 G01C 15/00 (72) 発明者; および
(21) 国際出願番号: PCT/JP02/03580 (75) 発明者/出願人/米国についてのみに: 宮坂 講治
(22) 国際出願日: 2002 年 4 月 10 日 (10.04.2002) (MIYASAKA, Koji) [JP/JP], 〒100-0004 東京都千代田区
(25) 国際出願の言語: 日本語 大手町一丁目 2 番 1 号 三井物産株式会社内 Tokyo
(26) 国際公開の言語: 日本語 (JP) 森正和 (MORI, Masakazu) [JP/JP], 〒100-0004 東京都千代田区
(30) 優先権データ: 特願 2001-112863 2001 年 4 月 11 日 (11.04.2001) JP 大手町一丁目 2 番 1 号 三井物産株式
(71) 出願人/米国を除く全ての指定国について: 三井物産株式会社 (MITSUBISHI & CO., LTD.) [JP/JP], 〒100-0004 東京都千代田区
株式会社トプコン (KABUSHIKI KAISHA TOPCON) [JP/JP], 〒174-8580 東京都板橋区蓮沼町 7 番 1 号 株式会社トプコン内 Tokyo (JP) 高須 謙一
(74) 代理人: 田辺 徹 (TANABE, Tetsu) 〒105-0001 東京都港区虎ノ門 2-8-1 Tokyo (JP)
(81) 指定国/国内: CN, KR, SG, US

[続葉有]

(54) Title: SATELLITE POSITIONING SYSTEM

(54) 発明の名称: 衛星測位システム



(57) Abstract: A GPS positioning system includes at least one mobile station for measuring the position coordinates by receiving a radio wave from a satellite, a plurality of fixed stations having predetermined position coordinates and receiving a radio wave from the satellite, and computation means which is connected by communication to the at least one mobile station and to the fixed stations, selects an appropriate fixed station in accordance with position measurement data transmitted from the at least one mobile station, and transmits reference position measurement data on the selected fixed station to the mobile station. A GPS position measurement data server includes a first communication interface for receiving a radio wave from the satellite so as to receive position measurement data from a mobile station whose position coordinates can be measured, a second communication interface for receiving position measurement data from the fixed stations whose position coordinates are known and which receives a radio wave from the satellite, and computation means for selecting an appropriate fixed station among the fixed stations in accordance with the position measurement data received from the first interface.

[続葉有]