

Title (en)
WEARABLE PERSONAL AREA DATA NETWORK

Title (de)
TRAGBARES PERSONAL-AREA-DATENNETZ

Title (fr)
RESEAU DE DONNEES PERSONNEL PORTABLE

Publication
EP 1868492 A2 20071226 (EN)

Application
EP 06748607 A 20060322

Priority

- US 2006010642 W 20060322
- US 66466105 P 20050322
- US 12179905 A 20050503
- US 25758305 A 20051024

Abstract (en)
[origin: WO2006102537A2] A near-field communications network enables a body-wearable personal area network. The near-field communications takes place in the magnetic near-field. A master node with an orthogonal antenna array controls the network. The orthogonal antenna array is orientable to maximize signal strength. The antennas are designed and operated so as to strand the energy of transmission of communications in the near-field. This reduces the detectability of the communications outside the immediate area of the near-field network.

IPC 8 full level
A61B 5/00 (2006.01)

CPC (source: EP)
A61B 5/002 (2013.01); **A61B 5/0022** (2013.01); **A61B 5/0024** (2013.01); **G16H 40/63** (2017.12); **H04L 67/12** (2013.01); **A61B 2560/0271** (2013.01)

Citation (search report)
See references of WO 2006102537A2

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Designated extension state (EPC)
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DOCDB simple family (publication)
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