

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 May 2004 (21.05.2004)

PCT

(10) International Publication Number
WO 2004/041583 A2

- (51) International Patent Classification⁷: **B60N**
- (21) International Application Number:
PCT/US2003/034257
- (22) International Filing Date: 29 October 2003 (29.10.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/284,005 30 October 2002 (30.10.2002) US
- (71) Applicant and
(72) Inventor: **GOTFRIED, Bradley, L.** [AU/US]; 8949 SE
Bridge Road, Hobe Sound, FL 33455 (US).
- (74) Agent: **STEELE, J., Rodman, Jr.**; Akerman, Senterfitt,
P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, UZ, VC, VN, YU, ZA, ZM, ZW.

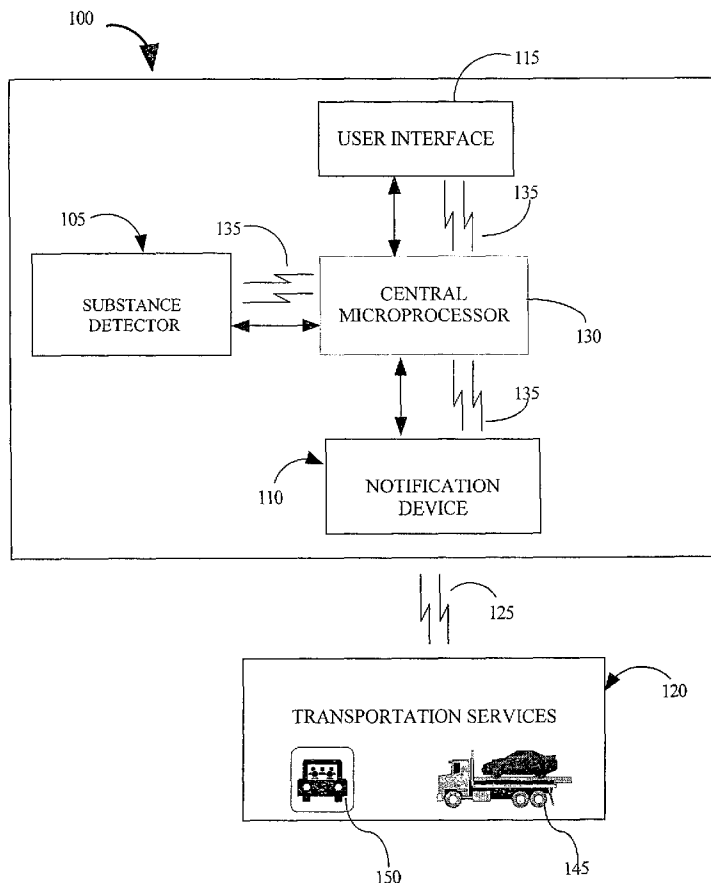
- (84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: AUTOMATIC SYSTEM FOR PROVIDING ASSISTANCE TO IMPAIRED DRIVERS



(57) Abstract: A system for providing assistance to impaired drivers including a substance detector for generating an impairment reading for a user based on a sample provided by the user and a notification device in communication with a transportation service in which the notification device contacts the transportation service when the impairment reading is outside a predetermined range. The notification device also provides the transportation service with navigational data when the notification device contacts the transportation service to permit the transportation service to locate the user. Additionally, a method for providing assistance to impaired drivers includes the steps of generating an impairment reading for a user based on a sample provided by the user and contacting a transportation service based on the impairment reading and providing the transportation service with navigational data to permit the transportation service to locate the user.