No SIM 10:52 AM 3%
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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : H04Q 7/22, 7/36, H04B 7/26 — A1

(11) International Publication Number: WO 95/08896

(43) International Publication Date: 30 March 1995 (30.03.95)

(21) International Application Number: PCT/AU94/00561

(22) International Filing Date: 21 September 1994 (21.09.94)

(30) Priority Data:
PM 1363 21 September 1993 (21.09.93) AU

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(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ).

Published
With international search report.

(54) Title: A BASE STATION FOR A MOBILE TELECOMMUNICATIONS SYSTEM

(57) Abstract

A base station (202) for a mobile telecommunications system, adapted to communicate with mobile stations (208, 210) of the system which are within a cell area, the cell area being divided into an inner area (204) in which distances to the base station (202) are within a first predetermined range, and an outer area (206) in which the distances are within a second predetermined range, the base station (202) including a first transceiver operating at a first carrier frequency and adapted for communication with mobile stations (208) in the inner area, and a second transceiver operating at a second carrier frequency adapted for communication with mobile stations in the outer area (210).

