

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:

H04Q 7/38

A1

(11) International Publication Number:

WO 95/05055

(43) International Publication Date:

16 February 1995 (16.02.95)

(21) International Application Number: PCT/SE94/00725

(22) International Filing Date: 8 August 1994 (08.08.94)

(30) Priority Data:
103.135 9 August 1993 (09.08.93) US

(71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON
[SE/SE]; S-126 25 Stockholm (SE).

(72) Inventor: RUNE, Göran; Sandgårdsgatan 5A, S-582 52
Linköping (SE).

(74) Agents: LÖVGREN, Tage et al.; Telefonaktiebolaget LM
Ericsson, S-126 25 Stockholm (SE).

(81) Designated States: CA, DE, FI, GB, JP, SE.

Published

With international search report.

Before the expiration of the time limit for amending the
claims and to be republished in the event of the receipt of
amendments.

This Sheet Has Been Replaced



(54) Title: LOW CAPACITY MOBILE ASSISTED HANDOFF IN A CELLULAR COMMUNICATIONS NETWORK

(57) Abstract

A method of controlling handoff in a telecommunications network is provided, the network including a land system and a plurality of mobile stations, the land system including a plurality of cells, the method comprising the steps of dividing each cell into a first region where evaluation of measurement values is performed and a second region where the evaluation of measurement values is not performed, performing an evaluation of measurement values when a mobile station enters the first region, and controlling the handoff based on the evaluation of measurement values.

