



(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 71

(51) International Patent Classification (IPC):
H04L 5/00 (2006.01) **H04W 74/08** (2009.01)
H04W 72/04 (2009.01)

(52) Cooperative Patent Classification (CPC):
H04L 5/001; H04L 5/0053; H04W 74/08

(48) Corrigendum issued on:
19.01.2022 Bulletin 2022/03

(43) Date of publication:
09.06.2021 Bulletin 2021/23

(21) Application number: **21154278.2**

(22) Date of filing: **23.01.2015**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR

(30) Priority: **30.01.2014 JP 2014016208**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
15743338.4 / 3 101 988

(71) Applicant: **NTT DOCOMO, INC.**
Chiyoda-ku
Tokyo 100-6150 (JP)

(72) Inventors:
• **Uchino, Tooru**
Tokyo, 100-6150 (JP)

• **Takeda, Kazuki**
Tokyo, 100-6150 (JP)
• **Chen, Lan**
Tokyo, 100-6150 (JP)
• **Jiang, Huiling**
Beijing, 100190 (CN)
• **Liu, Liu**
Beijing, 100190 (CN)

(74) Representative: **Hoffmann Eitle**
Patent- und Rechtsanwälte PartmbB
Arabellastraße 30
81925 München (DE)

Remarks:

This application was filed on 29-01-2021 as a
divisional application to the application mentioned
under INID code 62.

(54) **USER APPARATUS, BASE STATION, CONTROL INFORMATION DETECTION METHOD AND
CONTROL INFORMATION TRANSMISSION METHOD**

(57) A user apparatus comprises a memory that stores a preamble and identification information of the user apparatus, a processor that detects control information, addressed to the user apparatus, by monitoring a candidate area of a common candidate area where a plurality of user apparatuses commonly perform monitoring and an individual candidate area for the user apparatus and a transmitter that transmits the preamble to a base station, wherein, the processor monitors, during a period when the user apparatus monitors a random access response, the individual candidate area using the identification information of the user apparatus to detect control information that is scrambled by the base station using the identification information of the user apparatus.

