(12) PATENT APPLICATION PUBLICATION

(21) Application No.7197/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention : SIGNALLING A MUTING PATTERN TO A USER EQUIPMENT FOR TIME DOMAIN ENHANCED INTER CELL INTERFERENCE COORDINATION

(51) International classification :H04W72/08,H04L5/00 (71)Name of Applicant : (31) Priority Document No 1)NOKIA SIEMENS NETWORKS OY (32) Priority Date Address of Applicant: Karaportti 3 FI 02610 Espoo Finland :NA (33) Name of priority country :NA (72)Name of Inventor: (86) International Application No 1)TIIROLA Esa Tapani :PCT/EP2011/052060 Filing Date 2)HOOLI Kari Juhani :11/02/2011 (87) International Publication No :WO 2012/107106 3)HULKKONEN Jari Yrjana (61) Patent of Addition to Application 4)PAJUKOSKI Kari Pekka :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method for controlling radio resource usage in a communications system is described. The method comprises defining (601) in a network apparatus (401) a muting pattern regarding uplink signals that are to be temporarily muted wherein said uplink signals comprise higher layer configured uplink signals that are outside the control of a dynamic scheduler of the network apparatus (401). The defined muting pattern or a part of it is signalled (602) from the network apparatus (401) to one or more user equipment (402) in order to control the user equipment (402) to mute (604) the respective uplink signals according to the signalled muting pattern.

No. of Pages: 36 No. of Claims: 37