

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2023/0232298 A1

Parichehrehteroujeni et al.

Jul. 20, 2023 (43) Pub. Date:

(54) RECONFIGURATION PROCEDURE IN A WIRELESS COMMUNICATION NETWORK

(71) Applicant: Telefonaktiebolaget LM Ericsson (publ), Stockholm (SE)

(72) Inventors: Ali Parichehrehteroujeni, Linköping

(SE); Icaro Leonardo Da Silva, Solna (SE); Marco Belleschi, Solna (SE); Henrik Rydén, Stockholm (SE); Luca Lunardi, Genoa (IT); Sofia Ek, Uppsala (SE); Angelo Centonza, Torrenueva Costa, Granada (ES)

(21) Appl. No.: 18/010,544

(22) PCT Filed: Jun. 15, 2021

(86) PCT No.: PCT/SE2021/050580

§ 371 (c)(1),

Dec. 15, 2022 (2) Date:

Related U.S. Application Data

(60) Provisional application No. 63/039,276, filed on Jun. 15, 2020.

Publication Classification

(51) Int. Cl.

H04W 36/08 (2006.01)H04W 36/00 (2006.01)

U.S. Cl.

CPC H04W 36/08 (2013.01); H04W 36/0085

(2018.08)

(57)ABSTRACT

A network node (1700) configured to operate as a source network node (32) of a reconfiguration procedure transmits signaling to a target network node (34) of the reconfiguration procedure. The signaling indicates (i) whether or not the target network node (34) is to provide feedback information (44) to the source network node (32) and/or (ii) which one or more types of feedback information (44) the target network node (34) is to provide to the source network node (32). Based on the received feedback information (44), the network node may train a model to predict predicted information, predict the predicted information using the model, and make a decision based on the predicted information.

