Title (en)
EIGENVALUE-BASED CHANNEL HARDENING AND EXPLICIT FEEDBACK

Title (de)
AUF EIGENWERTE BASIERENDE KANALHÄRTUNG UND EXPLIZITE RÜCKKOPPLUNG

Title (fr)
RENFORCEMENT DE CANAL BASÉ SUR UNE VALEUR PROPRE, ET RÉTROACTION EXPLICITE

Publication
EP 3794785 A1 20210324 (EN)

Application
EP 18919297 A 20180517

Priority
CN 2018087367 W 20180517

Abstract (en)
[origin: WO2019218317A1] An apparatus comprising at least one processor and at least one memory including computer program code. The at least one memory and the computer program code are configured to, with the at least one processor, cause the apparatus to calculate one or more eigenvectors associated with one or more uplink reference signals. The at least one memory and the computer program code are further configured to, with the at least one processor, cause the apparatus to apply one or more channel hardening matrices based upon the one or more eigenvectors to one or more downlink channel state information reference signals. The at least one memory and the computer program code are further configured to, with the at least one processor, cause the apparatus to receive explicit channel state information from a user equipment.

IPC 8 full level
H04L 25/03 (2006.01)

CPC (source: EP)
H04B 7/0421 (2013.01); **H04B 7/0456** (2013.01); **H04B 7/0658** (2013.01); **H04L 25/0204** (2013.01); **H04L 25/0224** (2013.01); **H04L 25/0228** (2013.01); **H04L 25/0248** (2013.01)

Designated contracting state (EPC)
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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019218317 A1 20191121; CN 112119617 A 20201222; CN 112119617 B 20230425; EP 3794785 A1 20210324; EP 3794785 A4 20220504

DOCDB simple family (application)
CN 2018087367 W 20180517; CN 201880093411 A 20180517; EP 18919297 A 20180517