

Title (en)  
RELAXING TIMELINE CONSTRAINTS ON HARO FEEDBACK MULTIPLEXING ON PUSCH AND RELATED PROCEDURES

Title (de)  
ENTSPANNUNG VON ZEITLINIENBESCHRÄNKUNGEN IN HARO-FEEDBACK-MULTIPLEXING AUF PUSCH UND ZUGEHÖRIGE VERFAHREN

Title (fr)  
RELÂCHEMENT DE CONTRAINTES CHRONOLOGIQUES LORS D'UN MULTIPLEXAGE DE RENVOI DE HARQ SUR UN PUSCH ET  
PROCÉDURES ASSOCIÉES

Publication  
**EP 4338327 A1 20240320 (EN)**

Application  
**EP 22730328 A 20220502**

Priority

- US 202163186758 P 20210510
- US 202217661400 A 20220429
- US 2022027317 W 20220502

Abstract (en)  
[origin: WO2022240607A1] A UE receives, from a base station or a component of the base station, at least one DL grant after a reception of an UL grant, the at least one DL grant being associated with a DL cD AI value and a DL tD AI value, the UL grant being associated with an UL tDAI value and scheduling a plurality of PUSCH repetitions. The UE calculates a total number of DL grants sent to the UE based on the DL cD AI value. The UE adjusts the total number of DL grants if there is a difference between the total number of DL grants and the UL tDAI value. The UE transmits, to the base station, a HARQ codebook in at least one of the plurality of PUSCH repetitions, a size of the HARQ codebook being based on the adjusted total number of DL grants.

IPC 8 full level  
**H04L 1/08** (2006.01); **H04L 1/16** (2023.01); **H04L 1/18** (2023.01)

CPC (source: EP)  
**H04L 1/08** (2013.01); **H04L 1/1664** (2013.01); **H04L 1/1854** (2013.01); **H04L 1/1861** (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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022240607 A1 20221117**; EP 4338327 A1 20240320

DOCDB simple family (application)  
**US 2022027317 W 20220502**; EP 22730328 A 20220502