

Title (en)  
ENHANCED BROADCAST SERVICES (EBCS) DOWNLINK BROADCASTS

Title (de)  
DOWNLINK-RUNDFUNKÜBERTRAGUNGEN FÜR VERBESSERTE RUNDFUNKDIENSTE (EBCS)

Title (fr)  
DIFFUSIONS EN LIAISON DESCENDANTE DE SERVICES DE DIFFUSION AMÉLIORÉS (EBCS)

Publication  
**EP 4374656 A1 20240529 (EN)**

Application  
**EP 22744575 A 20220622**

Priority  

- US 202117382212 A 20210721
- US 202117382218 A 20210721
- US 2022034460 W 20220622

Abstract (en)  
[origin: WO2023003663A1] This disclosure provides methods, devices and systems for reliable delivery of enhanced broadcast services (EBCS) downlink (DL) packets to wireless stations (STAs) that support EBCS (also referred to as "EBCS STAs") and maintaining interoperability with STAs that do not support EBCS. A wireless communication device may broadcast one or more EBCS DL packets carrying data associated with an EBCS service. In some aspects, the wireless communication device may subsequently transmit a trigger frame soliciting information indicating which, if any, of the EBCS DL packets were missed by EBCS STAs in the vicinity. In some other aspects, each EBCS DL packet may carry signaling indicating that the broadcast data is intended only for EBCS STAs. Still further, in some aspects, the wireless communication device may broadcast an EBCS traffic advertisement indicating a timing of the one or more EBCS DL packets.

IPC 8 full level  
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CPC (source: EP)  
**H04L 12/189** (2013.01); **H04W 4/06** (2013.01); **H04W 48/12** (2013.01); **H04L 65/611** (2022.05); **H04W 48/16** (2013.01); **H04W 84/12** (2013.01)

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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

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KH MA MD TN

DOCDB simple family (publication)  
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**US 2022034460 W 20220622**; EP 22744575 A 20220622; EP 22751185 A 20220622; TW 111123559 A 20220624; TW 111123616 A 20220624; US 2022034491 W 20220622