Title (en)
PACKET BASED LINK AGGREGATION ARCHITECTURES

Title (de)
PAKETBASIERTE VERBINDUNGSAGGREGATIONSARCHITEKTUREN

Title (fr)
ARCHITECTURES D'AGRÉGATION DE LIAISONS BASÉE SUR DES PAQUETS

Publication
EP 3909389 A1 20211117 (EN)

Application
EP 20704641 A 20200107

Priority
• US 201916246410 A 20190111
• US 2020012599 W 20200107

Abstract (en)
[origin: WO2020146401A1] Methods, systems, and devices for wireless communication are described. Wireless devices may support parallel communications over multiple wireless links, which may benefit a wireless system in terms of throughput and latency (among other benefits). However, such systems may experience increased system complexity, which may in some cases mitigate some of the benefits provided by the parallel communication links. The described techniques provide for aggregation architectures that address various such complexities. For example, devices communicating in accordance with the described techniques may format data to be transmitted into a set of data units that are allocated to a communication link based on various factors described herein. Correspondingly, a device that receives the data packets may reorder the packets in accordance with the described techniques.

IPC 8 full level
H04W 76/15 (2018.01)

CPC (source: EP KR)
H04L 5/14 (2013.01 - KR); **H04W 28/14** (2013.01 - KR); **H04W 76/14** (2018.02 - KR); **H04W 76/15** (2018.02 - EP KR); H04L 5/14 (2013.01 - EP); H04W 76/14 (2018.02 - EP)

Citation (examination)
• US 7613110 B1 20091103 - BLAIR DANA [US]
• US 8705363 B2 20140422 - LYNCH TIMOTHY [US], et al
• See also references of WO 2020146401A1

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

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DOCDB simple family (publication)
WO 2020146401 A1 20200716; CN 113273308 A 20210817; CN 113273308 B 20240322; EP 3909389 A1 20211117; KR 20210114403 A 20210923; TW 202040971 A 20201101; TW I818142 B 20231011

DOCDB simple family (application)
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