

Title (en)
PACKETIZED DATA COMMUNICATION OVER MULTIPLE UNRELIABLE CHANNELS

Title (de)
PAKETIERTE DATENKOMMUNIKATION ÜBER MEHRERE UNZUVERLÄSSIGE KANÄLE

Title (fr)
COMMUNICATION DE DONNÉES EN PAQUETS SUR PLUSIEURS CANAUX PEU FIABLES

Publication
EP 4070488 A4 20240103 (EN)

Application
EP 20895628 A 20201202

Priority

- US 201916699786 A 20191202
- IB 2020061382 W 20201202

Abstract (en)
[origin: WO2021111329A1] A method comprising: receiving a plurality of duplicates of a serial bit stream, wherein said serial bit stream comprises a sequence of data packets; continuously dividing each of said duplicates of said serial bit stream based on sequential time windows; with respect to each of said time windows, aligning said data packets associated with each of said duplicates of said serial bit stream, received within said time window, based, at least in part, on data packet similarity; and recreating in real time said serial bit stream by selecting at least one of said aligned data packets as representing a next data packet in said sequence of data packets.

IPC 8 full level
H04L 1/08 (2006.01); **H04J 3/06** (2006.01); **H04L 1/00** (2006.01); **H04L 1/02** (2006.01); **H04L 1/20** (2006.01); **H04L 45/24** (2022.01); **H04W 56/00** (2009.01)

CPC (source: EP IL KR)
H04L 1/004 (2013.01 - KR); **H04L 1/0045** (2013.01 - EP); **H04L 1/02** (2013.01 - EP IL KR); **H04L 1/08** (2013.01 - EP IL); **H04L 1/201** (2013.01 - EP); **H04L 45/24** (2013.01 - EP); **H04L 47/28** (2013.01 - EP); **H04L 69/324** (2013.01 - KR); **H04W 56/002** (2013.01 - EP)

Citation (search report)

- [XAI] WO 2019213898 A1 20191114 - APPLE INC [US], et al
- [XAI] JP 2005130284 A 20050519 - NIPPON TELEGRAPH & TELEPHONE
- [A] US 2012257627 A1 20121011 - NGUYEN HUNG [US], et al
- [A] US 2006050704 A1 20060309 - MALLOY PATRICK J [US], et al
- See also references of WO 2021111329A1

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

DOCDB simple family (publication)
WO 2021111329 A1 20210610; AU 2020396439 A1 20220630; BR 112022010854 A2 20220823; CA 3160355 A1 20210610; CN 115023928 A 20220906; CN 115023928 B 20240223; EP 4070488 A1 20221012; EP 4070488 A4 20240103; IL 293533 A 20220801; JP 2023508744 A 20230303; KR 20220136343 A 20221007

DOCDB simple family (application)
IB 2020061382 W 20201202; AU 2020396439 A 20201202; BR 112022010854 A 20201202; CA 3160355 A 20201202; CN 202080095139 A 20201202; EP 20895628 A 20201202; IL 29353322 A 20220601; JP 2022546436 A 20201202; KR 20227021739 A 20201202