

Title (en)  
MEDIA DISTRIBUTION AND MANAGEMENT SYSTEM AND APPARATUS

Title (de)  
MEDIENVERTEILUNGS- UND VERWALTUNGSSYSTEM UND -VORRICHTUNG

Title (fr)  
SYSTÈME ET APPAREIL DE DISTRIBUTION ET DE GESTION MULTIMÉDIA

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: WO2021226656A1] A Unified Content Delivery Network system (UCDN) system which is formed from a network of one or more inter-operable Peer networks. A hierarchical hybrid adaptive Secure Peer-Assisted Networking System (termed SPAN-AI), using a hierarchical AI driven approach under a unified secure content-addressable architecture which is based on five key SPAN-AI sub systems: unified naming; unified discovery; hybrid adaptive routing; scalable pubsub; and embedded security; all of said five key SPAN-AI sub systems securely integrated and jointly optimized via a hierarchical, pluggable AI framework, with an associated simulation, training, and development pipeline that embeds AI agents with varying degrees of awareness and optimization capabilities at peer, edge, or core or other network levels (hierarchies).

IPC 8 full level  
**H04N 21/63** (2011.01); **G06F 21/00** (2013.01); **G06F 21/10** (2013.01); **G06N 3/006** (2023.01); **G06N 20/00** (2019.01); **H04N 21/2225** (2011.01); **H04N 21/25** (2011.01); **H04N 21/643** (2011.01); **H04N 21/647** (2011.01)

CPC (source: AU EP US)  
**G06F 21/10** (2013.01 - EP US); **G06N 3/006** (2013.01 - EP); **G06N 20/00** (2019.01 - EP); **G06Q 50/10** (2013.01 - AU); **H04L 67/06** (2013.01 - AU); **H04L 67/104** (2013.01 - AU); **H04L 67/5681** (2022.05 - AU); **H04N 21/2225** (2013.01 - EP); **H04N 21/251** (2013.01 - EP); **H04N 21/422** (2013.01 - AU); **H04N 21/632** (2013.01 - AU EP); **H04N 21/64322** (2013.01 - EP); **H04N 21/64707** (2013.01 - EP); **H04N 21/64784** (2013.01 - EP); **G06F 9/5027** (2013.01 - AU); **G06F 16/1834** (2019.01 - AU); **G06F 21/74** (2013.01 - EP); **G06N 5/02** (2013.01 - EP); **G06N 20/00** (2019.01 - AU); **H04L 9/0852** (2013.01 - AU); **H04N 21/238** (2013.01 - AU); **H04N 21/4367** (2013.01 - AU)

Citation (search report)  
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• See also references of WO 2021226656A1

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

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