

Title (en)  
ENCODER AND DECODER CIRCUITS FOR THE TRANSMISSION OF VIDEO MEDIA USING SPREAD SPECTRUM DIRECT SEQUENCE MODULATION

Title (de)  
KODIERER UND DEKODIERER FÜR VIDEOMEDIENÜBERTRAGUNG MIT DIREKTSEQUENZMODULATION MIT GESPREIZTEM SPEKTRUM

Title (fr)  
CIRCUITS DE CODEUR ET DE DÉCODEUR DE TRANSMISSION DE CONTENUS MULTIMÉDIAS VIDÉO À L'AIDE D'UNE MODULATION DE SÉQUENCE DIRECTE À SPECTRE ÉTALÉ

Publication  
**EP 4186239 A4 20240821 (EN)**

Application  
**EP 21898947 A 20211118**

Priority  
• US 202063118320 P 20201125  
• US 2021059966 W 20211118

Abstract (en)  
[origin: WO2022115312A1] The present invention relates generally to video or other media transmission, and more particularly, to encoding and decoding of video media that has been transmitted between a video source and a video sink using spread spectrum direct sequence (SSDS) modulation.

IPC 8 full level  
**H04B 1/707** (2011.01); **H04N 21/2383** (2011.01); **H04N 21/426** (2011.01); **H04N 21/4363** (2011.01); **H04N 21/438** (2011.01); **H04N 21/61** (2011.01)

CPC (source: EP)  
**H04B 1/707** (2013.01); **H04N 21/2383** (2013.01); **H04N 21/43637** (2013.01); **H04N 21/4382** (2013.01); **H04N 21/615** (2013.01)

Citation (search report)  
• [X1] US 2020014419 A1 20200109 - HANNEBAUER ROBERT STEVEN [CA], et al  
• [X1] US 2018212646 A1 20180726 - HANNEBAUER ROB [CA], et al  
• [E] WO 2023287580 A1 20230119 - HYPHY USA INC [US]  
• See also references of WO 2022115312A1

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 2022115312 A1 20220602**; EP 4186239 A1 20230531; EP 4186239 A4 20240821; TW 202226821 A 20220701; TW 202418817 A 20240501; TW I810720 B 20230801

DOCDB simple family (application)  
**US 2021059966 W 20211118**; EP 21898947 A 20211118; TW 110143382 A 20211122; TW 112124061 A 20211122