

Title (en)

A WATERBORNE SOUND RECEIVER AND A SYSTEM FOR TRANSMITTING IMAGE DATA USING A WATERBORNE SOUND SIGNAL

Title (de)

WASSERSCHALLEMPFÄNGER UND SYSTEM ZUR ÜBERTRAGUNG VON BILDDATEN UNTER VERWENDUNG EINES WASSERSCHALLSIGNALS

Title (fr)

RÉCEPTEUR DE SONS TRANSMIS PAR L'EAU ET SYSTÈME DE TRANSMISSION DE DONNÉES D'IMAGE UTILISANT UN SIGNAL SONORE TRANSMIS PAR L'EAU

Publication

**EP 4218162 A1 20230802 (EN)**

Application

**EP 21777323 A 20210915**

Priority

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Abstract (en)

[origin: EP3975452A1] A waterborne sound receiver is disclosed, comprising a receiving unit and a decoder. The receiving unit is configured to receive a waterborne sound signal comprising compressed image data having a first resolution and to convert the waterborne sound signal into a data stream. The decoder is configured to decode the data stream as to obtain the compressed image data. The decoder is further configured to upsample the image data as to obtain image data having a second resolution which is higher than the first resolution, wherein the decoder is implemented as a neural network.

IPC 8 full level

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