

Title (en)  
REPRODUCTION TECHNIQUE FOR SOUNDS, PICTURES OR BOTH.

Title (de)  
WIEDERGABETECHNIK FÜR TON, BILDER ODER BEIDES.

Title (fr)  
TECHNIQUE DE REPRODUCTION POUR SONS, IMAGES OU LES DEUX.

Publication  
**EP 0642693 A1 19950315 (EN)**

Application  
**EP 93908890 A 19930402**

Priority  
EP 9300814 W 19930402

Abstract (en)  
[origin: WO9406117A1] A reproduction technique for devices reproducing sounds, pictures or sounds and pictures is claimed. The data of the item is stored on a storage device (S) before sending to loudspeaker(s) and/or screen(s) (L) and after recording or after playing the object prepared with the original (O) on a playing device (P) such that an item can be started more than once in a relative short time without the time limitations of recording or playing device. The transmission of mutually related data by electromagnetic waves using more than one carrier frequency and three-dimensional integrated circuits are mentioned as especially suitable.

IPC 1-7  
**G11B 20/10**; H04H 1/00; G03B 31/04; G03B 31/06; G11C 7/00

IPC 8 full level  
**G03B 31/04** (2006.01); **G03B 31/06** (2006.01); **G11B 7/0037** (2006.01); **G11B 20/10** (2006.01); **G11B 27/00** (2006.01); **G11B 27/10** (2006.01); **H04N 5/44** (2011.01); **H04N 5/782** (2006.01); **H04N 5/93** (2006.01)

CPC (source: EP)  
**G03B 31/04** (2013.01); **G03B 31/06** (2013.01); **G11B 7/0037** (2013.01); **G11B 20/10527** (2013.01); **G11B 27/005** (2013.01); **G11B 27/102** (2013.01); **G11B 2020/10768** (2013.01); **G11B 2220/61** (2013.01); **H04N 5/44** (2013.01); **H04N 5/782** (2013.01); **H04N 5/93** (2013.01)

Citation (search report)  
See references of WO 9406117A1

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