

# SEARCH REVIEW

Title : Master-slave decoder set

File : Decoder

Name : POPINEAU

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Consulted documentation:

Classification :

H04N7/167D  
H04N7/16E2

1 EPO  
2 INSPEC  
3 PAJ  
4 USPTO

Comments :

Search was carried out on espacenet (EPO) by using the key words:

decoder master slave cable key

Noise was reduced by forcing search by the relevant internal groups of the EPO: H04N7/167D H04N7/16E2

The very relevant document US4633309 of group H04N7/167D was retrieved.

Search was continued in the INSPEC base of the IEEE where an article was found corresponding to document US4633309.

A search in the Japanese abstracts (PAJ) showed that the problem to be solved was already known by SONY and TOSHIBA.

Search has not retrieved any relevant document implementing the specified protocol.

Document EP0577006 by THOMSON seems to implement a proprietary serial protocol in connection with EUROCRYPT standard

A system implementing the specified protocol seems new.

However, its patentability could be disputed for lack of inventive step, given that it is known to use wired out-of-band RF connection as solution to the problem of the master decoder/ slave decoder connection, and that the applications of DiSEqC are varied (see WO0106379).

A claim relating to the use of the specified protocol would be considered banal, and within the scope of the man skilled in the art aware of the teaching, on one hand, of US4633309 or ,EP0577006, and on the other hand, of WO0106379, for example.

A patent application, if patent application there is, will have to be precise and to clearly indicate implementation details.