

ABSTRACT

A broadcasting transmitter includes object-oriented-category-spaces formed by directory spaces indicating a hierarchical structure, and transmits on-air programs, program service information and hierarchical category information that indicates relations between the programs. A receiver for this transmitter receives the category information in the hierarchical system, and provides audiences with versatile functions such as searching programs, automatic program storage, and controlling stored programs.

Fig. 1

This Sheet Has Been Replaced

