

ABSTRACT

METHOD FOR THE DISPLAY OF TELETEXT WITH LANGUAGE IDENTIFICATION

5

A method for the display of Teletext service with correct language coding with language identification technique comprises the following steps. Firstly the single-byte language coding identification will be applied to decide which
10 G0 character set to be used for displaying Teletext pages. When Latin G0 character set is selected, the language control bits C12 C13 and C14 in Teletext page header will be analyzed for selecting the correct national language option sub-set. When the control bits designate precise selection,
15 the Teletext decoder will refer to the designated national option sub-set and primary Latin G0 set for Teletext display. When C12 C13 and C14 produce ambiguous indication, the Teletext decoder will perform single-byte language coding identification process, to select the language based on the
20 higher confidence value, and Teletext decoder will base on the identification result to select national language option sub-set to display pages encoded in that particular language.

Figure 1

25