

Abstract

**APPARATUS FOR INTERFACING ANALOG TELEPHONES
AND DIGITAL DATA TERMINALS TO AN ISDN LINE**

An interface to an integrated service, digital network (ISDN) line (125) for up to two analog dual tone, multifrequency telephones (126,128) and up to four personal computers or data terminals (130-132). A stored program-controlled processor (225) controls access to the ISDN line for the analog and digital interface circuits. The processor also provides access to switch-controlled ISDN features for the analog telephones (e.g., call waiting, call hold, etc).

Figure 1