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(71) Applicant *(for all designated States except US)*: CANAL+ SOCIETE ANONYME [FR/FR]; 85/89, quai André Citroën, F–75711 Paris Cedex 15 (FR).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: MERIC, Jérôme [FR/FR]; 55, rue de Meaux, F–60300 Senlis (FR). DECLERCK, Christophe [FR/FR]; 3, rue des Ormes Dancourt, F–28210 Senantes (FR).

(74) Agents: COZENS, Paul, Dennis et al.; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).

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(54) Title: IEEE SET TOP BOX DEVICE DRIVER

(57) Abstract

A device interface for use in a receiver/decoder (2020) for a broadcast digital television system in which received signals are passed through a receiver to the receiver/decoder and thence to a television set (2022). The receiver/decoder decodes a compressed MPEG-type signal, and is controlled by a remote controller handset (2026), through an interface in the receiver/decoder. The operation of the receiver/decoder is controlled by a virtual machine (VM) which includes a run time engine (RTE) (4008). The receiver/decoder includes a plurality of interfaces to external units. The device interface enables an application run by the RTE to access an IEEE 1394 interface.

