NOTES

1. In this subclass, the following terms or expressions are used with the meaning indicated:

- "broadcast" is simultaneous distribution of identical signals to plural receiving stations. The term "broadcast" does not include distribution to receiving stations which is controlled by requests or responses from the receiving stations;
- "broadcast information" covers all kinds of information distributed by broadcast systems;
- "broadcast-related information" is information required by services provided via broadcast systems, other than broadcast information;
- "broadcast time" is a time when particular broadcast information exists and is available;
- "broadcast channel" is a channel via which broadcast information is distributed, e.g. carrier waves, time slots, cables or wireless broadcast service areas;
- "broadcast space" is either a set of broadcast channels in which particular broadcast information exists and is available or a geographical area determined by the set of broadcast channels;
- "broadcast space-time" is space-time determined by broadcast space and broadcast time in which particular broadcast information exists and is available;
- "broadcast system" is a system which consists of transmitter, transponder and receiver for broadcast;
- "broadcast-related system" is a system which is directly affected by generation, broadcast, reception or use of broadcast information;
- "broadcast service" is a service directly provided by a broadcast system, i.e. distribution service of broadcast information;
- "broadcast-related service" is a service provided by broadcast-related systems;
- "A with a direct linkage to B" means that A directly affects B or that A is directly affected by B.

2. In this subclass, multi-aspect classification is applied, so that subject matter characterised by aspects covered by more than one of its groups, which is considered to represent information of interest for search, may also be classified in each of those groups.

20/00 Arrangements for broadcast or for distribution combined with broadcast

20/02 . Arrangements for relaying broadcast information
20/04 . . from field pickup units [FPU]
20/06 . . among broadcast stations
20/08 . . among terminal devices
20/10 . Arrangements for replacing or switching information during the broadcast or the distribution
20/103 . . [Transmitter-side switching]
20/106 . . [Receiver-side switching]
20/12 . Arrangements for observation, testing or troubleshooting
20/14 . . for monitoring programmes
20/16 . Arrangements for broadcast or for distribution of identical information repeatedly
20/18 . Arrangements for synchronising broadcast or distribution via plural systems
20/20 . Arrangements for broadcast or distribution of identical information via plural systems
20/22 . . Arrangements for broadcast of identical information via plural broadcast systems
20/24 . . Arrangements for distribution of identical information via broadcast system and non-broadcast system
20/26 . Arrangements for switching distribution systems

20/28 . Arrangements for simultaneous broadcast of plural pieces of information
20/30 . . by a single channel
20/31 . . using in-band signals, e.g. subsonic or cue signal
20/33 . . by plural channels
20/34 . . using an out-of-band subcarrier signal
20/36 . . for AM broadcasts
20/38 . Arrangements for distribution where lower stations, e.g. receivers, interact with the broadcast
20/40 . Arrangements for broadcast specially adapted for accumulation-type receivers
20/42 . Arrangements for resource management
20/423 . . [Transmitter side]
20/426 . . [Receiver side]
20/44 . Arrangements characterised by circuits or components specially adapted for broadcast
20/46 . . specially adapted for broadcast systems covered by groups H04H 20/53-H04H 20/95
20/47 . . specially adapted for stereophonic broadcast systems
20/48 . . . for FM stereophonic broadcast systems
20/49 . . . for AM stereophonic broadcast systems
20/51 . . . specially adapted for satellite broadcast systems
Arrangements specially adapted for receiving broadcast information

Arrangements for receiving broadcast information

Arrangements characterised by transmission systems for broadcast

Arrangements specifically adapted for traffic information

Arrangements specifically adapted for mobile receivers

Arrangements specifically adapted for emergency or urgency

Arrangements for local area broadcast, e.g. instore broadcast

Arrangements for transportation systems, e.g. in vehicles

Arrangements to plural spots in a confined site, e.g. MATV

Arrangements characterised by transmission systems for broadcast

Common-wave systems, i.e. using separate transmitters operating on substantially the same frequency

Optical systems

Wireless systems

of terrestrial networks

of satellite networks

Wired systems

using carrier waves

CATV [Community Antenna Television] systems

using downlink of the CATV systems, e.g. audio broadcast via CATV network

having frequencies in two or more frequency bands, e.g. medium wave and VHF

combined with telephone network over which the broadcast is continuously available

using signals not modulated onto a carrier

not sharing the network with any other service

combined with power distribution network

Arrangements characterised by the broadcast information itself

Stereophonic broadcast systems

using three or more audio channels, e.g. triphonic or quadraphonic

broadcasting computer programmes

which locates resources of other pieces of information, e.g. URL [Uniform Resource Locator]

characterised by a specific format, e.g. MP3 (MPEG-1 Audio Layer 3)

Arrangements specially adapted for receiving broadcast information

Arrangements for receiving desired information automatically according to timetables

Arrangements characterised by circuits or components specially adapted for receiving

specially adapted for broadcast systems covered by groups H04H 20/53 - H04H 20/95

specially adapted for stereophonic broadcast receiving

for FM stereophonic broadcast systems receiving

generating subcarriers

for separation improvements or adjustments

for noise suppression

for stereo-monaural switching

Arrangements specially adapted for satellite broadcast receiving

Arrangements for broadcast applications with a direct linking to broadcast information or broadcast space-time; Broadcast-related systems

Arrangements for generating broadcast information;

Arrangements for generating broadcast-related information with a direct linking to broadcast information or to broadcast space-time; Arrangements for simultaneous generation of broadcast information and broadcast-related information

Studio equipment; Interconnection of studios

Mobile studios

Arrangements for scheduling broadcast services or broadcast-related services

characterised by processes or methods for the generation

Arrangements for device control with a direct linkage to broadcast information or to broadcast space-time; Arrangements for control of broadcast-related services

Arrangements for counter-measures when a portion of broadcast information is unavailable

wherein another information is substituted for the portion of broadcast information

Arrangements for device control affected by the broadcast information

Arrangements for conditional access to broadcast information or to broadcast-related services

on receiving information

on playing information

on recording information

on copying information

on transmission of information

on secondary editing information

Billing for the use of broadcast information or broadcast-related information

per use

using cryptography, e.g. encryption, authentication, key distribution

Arrangements for updating broadcast information or broadcast-related information

Arrangements for recording or accumulating broadcast information or broadcast-related information

Arrangements for monitoring broadcast services or broadcast-related services

Arrangements for monitoring the use made of the broadcast services

Arrangements for monitoring conditions of receiving stations, e.g. malfunction or breakdown of receiving stations

Arrangements for monitoring the users' behaviour or opinions

Arrangements for identifying or recognising characteristics with a direct linkage to broadcast information or to broadcast space-time, e.g. for identifying broadcast stations or for identifying users

for identifying segments of broadcast information, e.g. scenes or extracting programme ID

Programme
Aspects of broadcast communication

2201/00

2201/01 . characterised by the type of broadcast system
2201/10 . characterised by the type of broadcast system
2201/11 . digital multimedia broadcasting [DMB]
2201/12 . digital radio mondiale [DRM]
2201/13 . radio data system/radio broadcast data system [RDS/RBDS]
2201/14 . direct broadcast satellite [DBS]
2201/15 . system for wireless information forwarding and
2201/16 . digital video broadcasting - handhelds [DVB-H]
2201/17 . in band adjacent channel [IBAC]
2201/18 . in band on channel [IBOC]
2201/19 . digital satellite radio [DSR]
2201/20 . digital audio broadcasting [DAB]
2201/21 . characterised by the use of return channel, e.g. for
2201/22 . via the broadcast channel
2201/33 . via a different channel
2201/37 . via a different channel
2201/39 . characterised in that additional data relating to the
2201/40 . characterised in that additional data relating to the
2201/50 . characterised by the use of watermarks
2201/50 . characterised by the use of watermarks
2201/60 . characterised in that the receiver comprises more
2201/60 . characterised in that the receiver comprises more
2201/70 . characterised in that receivers can be addressed
2201/80 . characterised in that motion picture association of
2201/80 . characterised in that motion picture association of
2201/90 . characterised by the use of signatures
2201/90 . characterised by the use of signatures

60/75 . . . [Commercial]
60/77 . . . [Scene]
60/80 . . . for identifying broadcast space-time (use of
Electronic Programme Guides H04H 60/72)
60/81 . . . for identifying broadcast space-time (use of
Electronic Programme Guides H04H 60/72)
60/82 . . . the transmission system being the Internet
60/83 . . . accessed over telephonic networks
60/84 . . . which are fixed telephone networks
60/85 . . . which are mobile communication
networks
60/86 . . . accessed over CATV networks
60/87 . . . accessed over computer networks
60/88 . . . which are wireless networks
60/89 . . . which are wired networks
60/90 . . . Wireless transmission systems
60/91 . . . Mobile communication networks (for
accessing the Internet H04H 60/85)
60/92 . . . for local area
60/93 . . . Wired transmission systems
60/94 . . . Telephonic networks (for accessing the
Internet H04H 60/84)
60/95 . . . for local area
60/96 . . . CATV systems (for accessing the Internet
H04H 60/86)
60/97 . . . using uplink of the CATV systems
60/98 . . . Physical distribution of media, e.g. postcards,
CDs or DVDs

2201/10 . characterised by the type of broadcast system
2201/11 . digital multimedia broadcasting [DMB]
2201/12 . digital radio mondiale [DRM]
2201/13 . radio data system/radio broadcast data system
[RDS/RBDS]
2201/14 . direct broadcast satellite [DBS]
2201/15 . system for wireless information forwarding and

teledistribution [SWIFT]
2201/16 . digital video broadcasting - handhelds [DVB-H]
2201/17 . in band adjacent channel [IBAC]
2201/18 . in band on channel [IBOC]
2201/19 . digital satellite radio [DSR]
2201/20 . digital audio broadcasting [DAB]
2201/21 . characterised by the use of return channel, e.g. for
collecting users' opinions, for returning broadcast
space/time information or for requesting data
2201/22 . via the broadcast channel
2201/33 . via a different channel
2201/37 . via a different channel
2201/39 . characterised in that additional data relating to the
2201/40 . characterised in that additional data relating to the
2201/50 . characterised by the use of watermarks
2201/50 . characterised by the use of watermarks
2201/60 . characterised in that the receiver comprises more
than one tuner
2201/70 . characterised in that receivers can be addressed
2201/80 . characterised in that motion picture association of
America [MPAA] ratings are used
2201/90 . characterised by the use of signatures

H04H