

**Ex-1020: Claim Chart Comparing Claim 1 to Claim 12**

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| 1[a]: “A system for automating compliance with local broadcasting regulations laid down by a broadcasting authority and applicable to advertisements, said advertisements being provided during time-shifted viewing/listening comprises:”                                                                                                                                       | 12[a]: “A Personal Video Recorder (PVR) for use in a system for automating compliance with local broadcasting regulations laid down by a broadcasting authority and applicable to advertisements, said advertisements being provided during time-shifted viewing/listening, the PVR comprising:”                                        |
| 1[b]: programme supply means to supply broadcast digital video/audio programmes having therein periodic breaks for the insertion of advertisements;                                                                                                                                                                                                                              | 12[b]: “data storage means storing a programme episode database, an advertisement database, and a rules database,”                                                                                                                                                                                                                      |
| 1[c]: “advertisement supply means to supply advertisements within the periodic breaks,” “each advertisement having associated therewith a header comprising a first field related to a local broadcasting time regulation laid down by the broadcasting authority, which local broadcasting time regulation restricts the time of day at which said advertisement may be shown,” | 12[c]: “each stored advertisement having associated therewith a header comprising a first field related to a local broadcasting time regulation laid down by the broadcasting authority, which local broadcasting time regulation restricts the time of day at which said advertisement may be shown,”                                  |
| 1[c.2]: “and a second field related to the number of times said advertisement has previously been shown during time-shifted viewing”<br>1[d]: “rules database means containing rules relating to said local broadcasting time regulation;”                                                                                                                                       | 12[d]: “and a second field related to the number of times said advertisement has previously been shown during time-shifted viewing, wherein the rules database contains rules relating to said local broadcasting time regulation, and wherein the stored programme episodes have periodic breaks for the insertion of advertisements;” |
| 1[e]: “clock means to supply a real-time clock signal;”                                                                                                                                                                                                                                                                                                                          | 12[e]: “input connection means for connection to a source of video/audio signals and a real-time clock signal;”                                                                                                                                                                                                                         |

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|                                                                                                                                                                                                                            | 12[f]: “output means for connection to a consumer's viewing/listening unit;”                                                                                                                                                                                |
| 1[e.1]: “and control means arranged to read said first field and said clock signal and said rules database and to apply said local broadcasting time regulation to each advertisement before said advertisement is shown;” | 12[g]: “and control means arranged to read said first field and said clock signal and said rules database and to apply said local broadcasting time regulation to each advertisement before said advertisement is shown during one of the periodic breaks;” |
| 1[f]: “wherein the control means is further arranged to update the second field in the header of said advertisement when said advertisement is again shown during time-shifted viewing.”                                   | 12[h]: “wherein the control means is further arranged to update the second field in the header of said advertisement when said advertisement is again shown during time-shifted viewing.”                                                                   |