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(54) **Multicast data services and broadcast signal markup stream for interactive broadcast system**

Multicast-Datendienste und ein um einen Zusatzdatenstrom erweitertes Rundfunksignal für ein interaktives Rundfunksystem

Services multidiffusion de données et signal de diffusion enrichi d'un flux de données additionnelles pour un système de diffusion interactif

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(56) References cited:
WO-A-99/15968 US-A- 5 708 845
US-A- 5 929 849

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