

Title (en)
AM QUALITY DETECTOR

Title (de)
QUALITÄTSDETEKTOR FÜR AM

Title (fr)
DETECTEUR DE QUALITE DE MODULATION D'AMPLITUDE (AM)

Publication
EP 0995273 A2 20000426 (EN)

Application
EP 99905127 A 19990308

Priority
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Abstract (en)
[origin: WO9949581A2] During an automatic scanning of an AM frequency band it is required that the scanning is only stopped when a usable audio signal is received. To achieve this normally the receiver checks the (RF) signal level and the IF frequency of the received signal. Because at night the propagation of AM signals is improved as a consequence of the weather conditions it is possible that a far away station having the same transmitting frequency interferes with a local station. To overcome this a detector and receiver are proposed whereby the detector detects interferences of two or more stations and supplies a detection signal resulting in resuming scanning for a next station.

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H04B 1/10

IPC 8 full level
H03J 7/04 (2006.01); **H04B 1/10** (2006.01); **H04B 1/16** (2006.01); **H04B 17/00** (2006.01)

CPC (source: EP KR)
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Citation (search report)
See references of WO 9949581A2

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