

This Sheet Has Been Replaced



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ABSTRACT

DEMODULATOR ARRANGEMENT, METHOD TO DEMODULATE, AND TELECOMMUNICATION SYSTEM COMPRISING SUCH A DEMODULATOR ARRANGEMENT

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10 A demodulator arrangement, suitable to demodulate data symbols modulated in accordance with a predefined constellation diagram and sent as part of information bursts (A1, B1, C1, D1, A2, B2, C2, D2) over a transmission medium with substantially stable attenuation characteristics, detects the amplitude of the data symbols in a coherent way and detects the phase of the data symbols in a differential way.