

Title (en)

High frequency delay device using frequency selective surfaces

Title (de)

Hochfrequenzverzögerungsgerät mit Frequenzselektiven Oberflächen

Title (fr)

Dispositif de retard à hautes fréquences comportant des surfaces à sélection de fréquence

Publication

EP 0982800 A2 20000301 (EN)

Application

EP 99306458 A 19990817

Priority

US 14087098 A 19980827

Abstract (en)

A broadband frequency selective delay device is provided in a small configuration. A source antenna (34) transmits the multifrequency signal in the direction of several frequency selective surfaces (38, 40, 42). Each of the frequency selective surfaces (38, 40, 42) redirects a different frequency component of the signal to a receive antenna (46) that combines the redirected signal components to produce a compressed signal or a stretched signal, depending on the way in which the frequency selective devices are arranged.

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Cited by

JP2015053660A; WO2004018578A1; US11749881B2; US10797401B2; US11909121B2; WO2023029431A1

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