

Title (en)

Filter assembly

Title (de)

Filteranordnung

Title (fr)

Agencement de filtre

Publication

EP 2150074 A3 20120523 (DE)

Application

EP 09009422 A 20090721

Priority

- DE 102008035333 A 20080729
- DE 102008053095 A 20081024

Abstract (en)

[origin: EP2150074A2] The arrangement e.g. analog filter (1), has multiple filter planes comprising a first order high pass filter (7) and first order low pass filter (8). An input signal is supplied over a signal branching (6), and an output of the high pass filter or the low pass filter of one of the filter plane is guided over the signal branching on the high pass and the low pass filter of the adjacent filter plane. The filters are formed complementary to each other according to each signal branching. The output of the filters is pulled out for formation of output signals.

IPC 8 full level

H04R 3/14 (2006.01)

CPC (source: EP)

H04R 3/14 (2013.01)

Citation (search report)

- [X1] US 5109423 A 19920428 - JACOBSON LARRY L [US], et al
- [X1] DE 4212622 A1 19931021 - KROLL CLEMENS DR ING [DE]
- [X1] US 4137510 A 19790130 - IWAHARA MAKOTO
- [X1] D'APPOLITO J A: "ACTIVE REALIZATION OF MULTIWAY ALL-PASS CROSSOVER SYSTEMS", JOURNAL OF THE AUDIO ENGINEERING SOCIETY, AUDIO ENGINEERING SOCIETY, NEW YORK, NY, US, vol. 35, no. 4, 1 April 1987 (1987-04-01), pages 239 - 245, XP000762420, ISSN: 1549-4950
- [A] PHILLIP A. REGALIA ET AL: "Tree-Structured Complementary Filter Banks Using All-Pass Sections", IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS, vol. CAS-34, no. 12, 1 December 1987 (1987-12-01), pages 1470 - 1484, XP055024351

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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