

Title (en)

Method for signal source separation from a mixture signal

Title (de)

Verfahren zur Quellentrennung eines Signalgemisches

Title (fr)

Procédé de séparation de signaux sources à partir d'un signal issu du mélange

Publication

EP 1605440 B1 20101124 (FR)

Application

EP 05291254 A 20050610

Priority

FR 0406365 A 20040611

Abstract (en)

[origin: EP1605440A1] The method involves determining a signal of estimation of each sound source, and predicting a prediction signal for a current frame based on a separation signal for a previous frame, for each sound source. A separation signal for the current frame is determined by summing the estimated signal and the prediction signal in a weighted manner, where weight factor is found in order to minimize covariance of the separation signal.

IPC 8 full level

G10L 21/0272 (2013.01)

CPC (source: EP)

G10L 21/0272 (2013.01)

Cited by

CN112863537A; EP3879854A1

Designated contracting state (EPC)

DE ES GB IT PL

DOCDB simple family (publication)

EP 1605440 A1 20051214; EP 1605440 B1 20101124; DE 602005024890 D1 20110105; FR 2871593 A1 20051216; FR 2871593 B1 20070209

DOCDB simple family (application)

EP 05291254 A 20050610; DE 602005024890 T 20050610; FR 0406365 A 20040611