

Title (en)
TIME-WEIGHTED TRANSMISSION CHANNEL ESTIMATION

Title (de)
ZEITGEWICHTIGTE ÜBERTRAGUNGSKANALSCHÄTZUNG

Title (fr)
SONDAGE A PONDERATION TEMPORELLE D'UN CANAL DE TRANSMISSION

Publication
EP 0985280 A1 20000315 (FR)

Application
EP 98920611 A 19980410

Priority
• FR 9800734 W 19980410
• FR 9704933 A 19970414

Abstract (en)
[origin: FR2762164A1] The invention concerns a method for estimating a transmission channel from a signal (S) received by said channel. The received signal corresponds to an emitted training sequence, and the method comprises the following steps: acquiring a statistic of the transmission channel; establishing an estimation (Xp) of the channel impulse response function weighted by the channel statistic using the received signal (S).

IPC 1-7
H04B 7/005; **H04B 1/76**; **H04L 25/03**

IPC 8 full level
H04B 1/76 (2006.01); **H04L 25/02** (2006.01)

CPC (source: EP US)
H04B 1/76 (2013.01 - EP US); **H04L 25/0224** (2013.01 - EP US); **H04L 25/0242** (2013.01 - EP US)

Citation (search report)
See references of WO 9847239A1

Designated contracting state (EPC)
DE FI GB SE

DOCDB simple family (publication)
FR 2762164 A1 19981016; **FR 2762164 B1 19990924**; BR 9808543 A 20010619; CA 2286556 A1 19981022; CN 1256814 A 20000614; EP 0985280 A1 20000315; US 6671313 B1 20031230; WO 9847239 A1 19981022

DOCDB simple family (application)
FR 9704933 A 19970414; BR 9808543 A 19980410; CA 2286556 A 19980410; CN 98805137 A 19980410; EP 98920611 A 19980410; FR 9800734 W 19980410; US 40295600 A 20000214