

Title (en)
METHOD AND APPARATUS FOR MULTILAYER TRANSMISSION AND HYBRID RELAYING WITH MULTIPLE OUT-OF-BAND RELAYS

Title (de)
VERFAHREN UND VORRICHTUNG FÜR MEHRSCICHTIGE ÜBERTRAGUNG UND HYBRIDE WEITERLEITUNG MIT MEHREREN BANDEXTERNEN RELAIS

Title (fr)
PROCÉDÉ ET APPAREIL DE TRANSMISSION MULTICOUCHE ET DE RELAIS HYBRIDE AU MOYEN DE MULTIPLES RELAIS HORS BANDE

Publication
EP 2984770 A1 20160217 (EN)

Application
EP 14724926 A 20140411

Priority
• US 201361811404 P 20130412
• US 2014033729 W 20140411

Abstract (en)
[origin: WO2014169169A1] A method and apparatus for hybrid multi-layer transmission includes receiving a multi-layer signal from a source device, wherein the multi-layer signal includes a plurality of sublayers. A quantity of the plurality of sublayers is decoded and partial information relating to the decoded sublayers is transmitted to a destination device.

IPC 8 full level
H04B 7/155 (2006.01)

CPC (source: EP)
H04B 7/15592 (2013.01)

Citation (search report)
See references of WO 2014169169A1

Citation (examination)
• MAHDI ZAMANI ET AL: "On the maximum achievable rates in the decode-forward diamond channel", 2011 IEEE INTERNATIONAL SYMPOSIUM ON INFORMATION THEORY PROCEEDINGS (ISIT 2011) : ST. PETERSBURG, RUSSIA, 31 JULY - 5 AUGUST 2011, IEEE, PISCATAWAY, NJ, 31 July 2011 (2011-07-31), pages 1534 - 1538, XP031971464, ISBN: 978-1-4577-0596-0, DOI: 10.1109/ISIT.2011.6033800
• LIANG CHEN: "Capacity theorems for three-user cooperative relay broadcast channels", INFORMATION SCIENCES AND SYSTEMS (CISS), 2012 46TH ANNUAL CONFERENCE ON, IEEE, 21 March 2012 (2012-03-21), pages 1 - 6, XP032241439, ISBN: 978-1-4673-3139-5, DOI: 10.1109/CISS.2012.6310818

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014169169 A1 20141016; EP 2984770 A1 20160217

DOCDB simple family (application)
US 2014033729 W 20140411; EP 14724926 A 20140411