


Search Notes 	Application/Control No. 12901616	Applicant(s)/Patent Under Reexamination MESECHER, DAVID K.
	Examiner TESFALDET BOCURE	Art Unit 2611

CPC- SEARCHED		
Symbol	Date	Examiner
((H04B7/0634 H04B1/707 H04B1/712 H04B2201/70701 H04B7/0615 H04B7/0617 H04B7/086 H04B1/7115 H04B7/0857 H04B7/0848 H04B7/0408 H04B7/0654 H04B7/088 H04B1/69 H04J13/0022 H04J13/16 H04L1/06 H04W16/28 H04Q2213/13294).CPC.	4/4/2014	TB
CPC Updated	8/4/2014 &8/7/2014	TB
CPC Updated	12/08/2014 & 12/10/2014	TB
CPC Updated	08/12/2015 & 08/13/2015	TB
((H04B1/707 H04B7/2628 H04B2201/70701 H04B1/7115 H04B7/216 H04B1/712 H04B7/086 H04B7/0634 H04J13/18 H04W52/10).CPC.)	08/12/2015 & 08/13/2015	TB

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
375	130, 140, 141, 144, 145-148, 267,299, 295, 316, 346, 347	3/10/2012	TB
370	335, 342, 441	3/10/2012	TB
455	39,73, 91, 101, 132-135	3/10/2012	TB
375, 455, 370	Searched ALL Updated	9/10/2012	TB
375, 455, 370	Search Updated	9/16/2012	TB
375, 455, 370	Search Updated ALL	9/18/2012	TB
375, 455, 370	Search Updated ALL	9/22/2013 and 9/24/2013	TB
375, 455, 370	Search Updated ALL	9/2/13 & 9/3/13	TB
375, 455, 370	Search Updated ALL	9/5/2013	TB
375,455, 370	Search Updated ALL	12/28/2013	TB

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US CLASSIFICATION SEARCHED

Class	Subclass	Date	Examiner
375	(375/130).ccls. or (375/140).ccls. or (375/141).ccls. or (375/144).ccls. or (375/145).ccls. or (375/146).ccls. or (375/147).ccls. or (375/148).ccls. or (375/267).ccls. or (375/299).ccls. or (375/295).ccls. or (375/316).ccls. or (375/346).ccls. or (375/347).ccls.	4/4/2014	TB
455	(455/39).ccls. or (455/73).ccls. or (455/91).ccls. or (455/101).ccls. or (455/132).ccls. or (455/133).ccls. or (455/134).ccls. or (455/135).ccls. or (455/136).ccls. or 455/137).ccls.(4/4/2014	TB
370	(370/335).ccls. or (370/342).ccls. or (370/441).ccls.	4/4/2014	TB
375, 370, 455	Search Updated ALL	4/5/2014	
375, 455, 370	Search Updated ALL	8/4/2014 & 8/7/2014	TB
375, 455, 370	Search Updated ALL	12/08/2014 & 12/10/2014	TB
375, 455, 370	Search Updated ALL	04/28/2015	TB
375, 455, 370	Search Updated ALL	08/12/2015 & 08/13/2015	TB

SEARCH NOTES

Search Notes	Date	Examiner
WEST and Inventor's Name Searched	3/10/2012	TB
WEST and Inventor's Name Searched	9/10/2012	TB
WEST and Inventor's Name Searched	9/16/2012	TB
WEST and Invnetor's Name Search Updated	9/17/2012	TB
WEST and Inventor's Name Search Updated	2/22/2013	TB
WEST Updated	2/24/2013	TB
WEST and Inventor's Name Search Updated	9/2/13 & 9/3/13	TB
WEST and Inventor's Name Search Updated	9/5/2013	TB
WEST and Inventor's Name Search Updated	12/28/2013	TB
CPC Search result for USPC and IPC: (455/562.1 455/526 370/335 370/342 375/E1.002 375/347 375/267 375/147 375/134 343/844 343/853 343/879).CCLS. or (H04B7/08 H04B1/707 H04B7/04 H04B7/02 H04B1/69 H04L1/02 H04L1/06 H04J13/00).IPCR.)	4/4/2014	TB
WEST and Inventor's Name Search Updated	4/5/2014	TB
WEST and Inventor's Name Searched	8/4/2014 & 8/7/2014	TB
CPC Search for IPC and USPC Updated	8/7/2014	TB
CPC Search for IPC and USPC Updated	12/08/2014	TB
Consulted with Mike Horabik on 12/10/2014 regarding the declaration under 1.131 filed on 11/13/2014.	12/10/2014	TB
IEEE and Google Searched	12/10/2014	TB
WEST Updated	04/28/2015	TB
WEST Updated	08/12/2015 & 08/13/2015	TB

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SEARCH NOTES

Search Notes	Date	Examiner
The office action mailed on 04/28/2015 in the claim index has been replaced by the allowable index of 08/13/2015 becouse there is no way of adding extra column to accomodate. Examiner called the ITRP forP	08/14/2015	TB

INTERFERENCE SEARCH

US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
375	141, 144, 148, 299, 347	8/7/2014	TB
455	101, 132	8/7/2014	TB
375	141, 144, 148, 299, 347	08/13/2015	TB
455	101, 132	08/13/2015	TB
CPC	H04B2201/7071; H04B1/7115; H04B7/086	08/13/2015	TB

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