

TITRE brevet / DI / savoir-faire	Inventeurs	Labo	DPT	Déposant	Date de dépôt
A serializing device for convolutional filtering	Sumanta CHAUDHURI (IMT), Alaa MAZOUZ (IMT), Lirida NAVINER (IMT)	LTCI	COMELEC	Institut Mines-Télécom	23/12/2024
METHOD, DEVICE, AND COMPUTER PROGRAM FOR IMPROVING THE DESCRIPTION OF SAMPLE ATTRIBUTES OF ENCAPSULATED MEDIA DATA	Jean LE FEUVRE (IMT), Frédéric MAZE, Naël OUEDRAOGO	LTCI	IDS	Institut Mines Télécom CANON	28/10/2024
METHOD AND APPARATUS FOR ENCAPSULATING AND PARSING A MEDIA FILE HAVING SPLIT SAMPLES	Jean LE FEUVRE (IMT), Franck DENOUAL, Naël OUEDRAOGO	LTCI	IDS	Institut Mines Télécom CANON	28/10/2024
METHODS AND DEVICES FOR IMPROVING STORAGE AND TRANSMISSION OF UNCOMPRESSED DATA WHILE USING A STANDARD FORMAT	Jean LE FEUVRE (IMT), Frédéric MAZE, Franck DENOUAL	LTCI	IDS	Institut Mines Télécom CANON	08/07/2024
AUTOENCODER AND METHOD FOR ADAPTIVE LEARNED IMAGE COMPRESSION WITH CONFIGURABLE ENCODER AND DECODER FOR VARIABLE BITRATE APPLICATIONS	Gabriele SPADARO, Enzo TARTAGLIONE (IMT), Jhony Heriberto GIRALDO ZULUAGA (IMT), Attilio FIANDROTTI, Marco GRANGETTO, Alberto PRESTA (Université of TURIN), Ali Salman MUHAMMAD (Kyung Hee University, Republic of Korea)	LTCI	IDS	Institut Mines Télécom, Sisvel Technology, UNIVERSITA' DEGLI STUDI DI TORINO	08/11/2024
METHOD AND DEVICE FOR ENHANCED IMAGE PROCESSING USING VISION GRAPH NEURAL NETWORK	Gabriele SPADARO, Enzo TARTAGLIONE (IMT), Jhony Heriberto GIRALDO ZULUAGA (IMT), Attilio FIANDROTTI, Marco GRANGETTO	LTCI	IDS	Institut Mines Télécom, Sisvel Technology, UNIVERSITA' DEGLI STUDI DI TORINO	30/09/2024
Method for enhanced image encoding and decoding using a graph-based attention block, and related encoder and decoder	Gabriel SPADARO, Alberto PRESTA, Enzo TARTAGLIONE (IMT), Jhony Heriberto GIRALDO ZULUAGA (IMT), Marco GRANGETTO, Attilio FIANDROTTI	LTCI	IDS	Institut Mines Télécom, Sisvel Technology, UNIVERSITA' DEGLI STUDI DI TORINO	27/09/2024
Method for learned image compression and related autoencoder	Alberto PRESTA, Enzo TARTAGLIONE (IMT), Attilio FIANDROTTI, Marco GRANGETTO	LTCI	IDS	Institut Mines Télécom, Sisvel Technology, UNIVERSITA' DEGLI STUDI DI TORINO	24/09/2024
Refined Noise Estimation in Continuous-Variable Quantum communication	Romain ALLEAUME, Yves JAOUEN, Ricard GUILLAUME	LTCI	INFRES	Institut Mines Télécom	22/10/2024
Distributed Acoustic Sensing for Point-to-Multipoint Optical Fiber Networks	Pallab Kumar CHOUDHURY (IMT), Élie AWWAD (IMT)	LTCI	COMELEC	INSTITUT MINES TELECOM	21/08/2024
Method for reducing latency in video transmission	Melan VIJAYARATNAM (IMT), Marco Cagnazzo (UNIVERSITE DE PADOUE), Giuseppe VALENZISE (CNRS), Enzo TARTAGLIONE (IMT)	LTCI	IDS	Institut Mines Télécom, CENTRALESUPELEC, CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, UNIVERSITE PARIS-SACLAY, UNIVERSITA DEGLI STUDI DI PADOVA	01/10/2024
Method for learned image decompression and related decoder network and decoder-encoder architecture	Alberto PRESTA, Gabriele SPADARO, Enzo TARTAGLIONE, Attilio FIANDROTTI, Marco GRANGETTO	LTCI	IDS	Institut Mines Télécom SISVEL UNITO	15/03/2024
Adaptative Bayesian Method for RIS optimization (METHOD FOR OPTIMIZING THE USE OF RECONFIGURABLE INTELLIGENT SURFACES IN WIRELESS SYSTEMS)	Thomas CHÊNE (IMT), Ghaya REKAYA (IMT)	LTCI	COMELEC	Institut Mines Télécom	09/07/2024
Generic description of samples dependencies	Jean LE FEUVRE (IMT), Franck DENOUAL (Canon), Frédéric MAZE (Canon), Naël OUEDRAOGO (Canon), Lionel TOCZE (Canon)	LTCI	IDS	Institut Mines Télécom CANON	09/10/2023
Top level box indexation in ISOBMFF (mdat size=0)	Jean LE FEUVRE (IMT), Franck DENOUAL (Canon), Frédéric MAZE (Canon), Hervé RUELLAN (Canon)	LTCI	IDS	Institut Mines Télécom CANON	09/10/2023
Top level box in ISOBMFF (mdat size=0)	Jean LE FEUVRE (IMT), Franck DENOUAL (Canon), Frédéric MAZE (Canon), Hervé RUELLAN (Canon)	LTCI	IDS	Institut Mines Télécom CANON	31/10/2023
External track in ISOBMFF	Jean LE FEUVRE (IMT), Romain BELLESSERT (Canon), Franck DENOUAL (Canon), Frédéric MAZE (Canon), Hervé RUELLAN (Canon), Naël OUEDRAOGO (Canon)	LTCI	IDS	Institut Mines Télécom CANON	09/10/2023
Procédé de calcul d'un pire temps de transmission, programme d'ordinateur et système informatique associés	Florian BRANDNER (IMT), Florient CHAMPENOIS (doctorant), Thierry GRANDPIERRE	LTCI	INFRES	SAFRAN ELECTRONICS & DEFENSE UNIVERSITE GUSTAVE EIFFEL INSTITUT MINES TELECOM CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	10/11/2023
A control method for controlling a wind farm, related computer program product and electronic control device	Elie KADOUCHE (Total Energie), Florence CARTON (Total Energie), Cedric ENEAU (Total Energie), Pascal BIANCHI (IMT), Philippe CIBLAT (IMT)	LTCI	IDS	Institut Mines Télécom TotalEnergies OneTech	15/12/2023
Method for learned image compression and related autoencoder	Enzo TARTAGLIONE (IMT), Alberto PRESTA (University of Turin), Attilio FIANDROTTI (University of Turin), Marco GRANGETTO (University of Turin)	LTCI	IDS	Institut Mines Télécom, Sisvel Technology S.r.l., UNIVERSITA' DEGLI STUDI DI TORINO	11/09/2023
Vérification de l'adéquation d'un leurre informatique vis-à-vis d'un objectif pour son déploiement sur un système informatique	Jean LE NEUTRE (IMT), Vadim MALVONE (IMT), Gabriel BALLOT (doctorant EDF), Youssef LAAROUCI (encadrant EDF)	LTCI	INFRES	Institut Mines Télécom EDF	07/07/2023
Intensity and phase squeezed quantum dot laser for high performance quantum photonic Integration (Circuit photonique de génération de lumière comprimée et procédé de fabrication correspondante)	Frédéric GRILLOT (IMT), HUANG Heming (IMT), Zhao SHYUAN (IMT), Ding SHIHAO (IMT)	LTCI	COMELEC	Institut Mines Telecom	02/07/2024
Method, device, and computer program for improving signaling of multiple transformations applying to encapsulated media data	Jean LE FEUVRE (IMT), Franck DENOUAL (CANON), Hervé RUELLAN (CANON), Lionel TOCZE (CANON)	LTCI	IDS	Institut Mines Télécom CANON	10/07/2023
Method, device, and computer program for improving indexing, filtering, and repairing of portions of encapsulated media data.	Jean LE FEUVRE (IMT), Franck DENOUAL (CANON), Frédéric MAZE (CANON), Naël OUEDRAOGO (Canon)	LTCI	IDS	Institut Mines Télécom CANON	10/07/2023
Method, device, and computer program for improving encapsulation and parsing of multi-files content data.	Jean LE FEUVRE (IMT), Franck DENOUAL (CANON), Frédéric MAZE (CANON), Romain BELLESSERT (CANON), Hervé RUELLAN (CANON), Naël OUEDRAOGO (Canon)	LTCI	IDS	Institut Mines Télécom CANON	10/07/2023
Architecture d'un accélérateur de calcul pour les réseaux de Neurones.	Sumanta CHAUDHURI (IMT), Alaa MAZOUZ (IMT), Lirida NAVINER (IMT)	LTCI	COMELEC	Institut Mines Télécom	23/12/2024
A user-friendly and modular industrial model checker for Multi-Agent Systems	Vadim Malvone (IMT), Angelo Ferrando (University of Genoa, IT)	LTCI	INFRES	Institut Mines Télécom University of Genevo	13/02/2024
Polarisation gain equalization in an optical fiber monitoring system	Elie aWWAD (IMT), Sterenn GUERRIER (doctorante IMT), DORIZE Christian (NOKIA),	LTCI	COMELEC	Institut Mines Télécom NOKIA	24/05/2024
Method, device and computer program for adapting an ANN for person re-identification on a target domain	Jhony Heriberto GIRALDO ZULUAGA (IMT), Stephane LATHUILIERE (IMT), Hamza RAMI (doctorant), Nicolas WINCKLER (ATOS)	LTCI	IDS	Institut Mines-Télécom ATOS	27/02/2023
Une méthode de placement automatique de données pour les systèmes de stockage distribués	Nadia BOUKHATEM, Hannah BACCOUCH, Atef SHAAR (post doc)	LTCI	INFRES	Institut Mines Télécom	17/03/2023