

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent of: Oumer Teyeb et al.  
U.S. Patent No.: 10,517,133 Attorney Docket No.: 50095-0069IP1  
Issue Date: Dec. 24, 2019  
Appl. Serial No.: 16/380,844  
Filing Date: Apr. 10, 2019  
Title: METHODS AND UE FOR RESUMING A CONNECTION  
WITH FULL CONFIGURATION

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**PETITION FOR *INTER PARTES* REVIEW OF UNITED STATES PATENT  
NO. 10,517,133 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42**

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**EXHIBITS**

- APPLE-1001 U.S. Patent No. 10,517,133 to Teyeb et al. (“the ’133 patent”)
- APPLE-1002 Excerpts from the Prosecution History of the ’133 patent (“the Prosecution History”)
- APPLE-1003 Declaration of Dr. Robert Akl
- APPLE-1004 *OFFLINE#22 LTE re-establishment and resume while using NR PDCP*, Doc. No. R2-1714208, 3GPP TSG-RAN WG2 Meeting #100, Nov. 27 – Dec. 1, 2017 (“3GPP ’208”)
- APPLE-1005 U.S. Pub. No. 2012/0202478 to Van Lieshout et al. (“Van Lieshout”)
- APPLE-1006 U.S. Pub. No. 2016/0278160 to Schliwa-Bertling et al. (“Schliwa-Bertling”)
- APPLE-1007 *RRC connection re-establishment and resume procedures in NR*, Doc. No. R2-1710279, 3GPP TSG-RAN WG2 #99bis, Oct. 9-13, 2017 (“3GPP ’279”)
- APPLE-1008 U.S. Pub. No. 2016/0192403 to Gupta et al. (“Gupta”)
- APPLE-1009 U.S. Pub. No. 2012/0020318 to Naoe et al. (“Naoe”)
- APPLE-1010 Declaration of Friedhelm Rodermund
- APPLE-1011 House Report No. 112-98(I), Judiciary Committee Summary of the America Invents Act, submitted June 1, 2011

Apple petitions for *Inter Partes* Review (“IPR”) of claims 1-20 (“the Challenged Claims”) of U.S. Patent No. 10,517,133 (“the ’133 patent”). As explained in this petition, there exists a reasonable likelihood that Apple will prevail on the Challenged Claims.

## I. REQUIREMENTS FOR IPR

### A. Grounds for Standing

Apple certifies that the ’133 patent is available for IPR. Apple is not barred or estopped from requesting this review of the Challenged Claims.

### B. Challenge and Relief Requested

Petitioner requests IPR of the Challenged Claims on the following grounds:

Ground	Claims	§103 Basis
1	1-20	Schliwa-Bertling in view of 3GPP ’279
2A	1-5	3GPP ’208
2B	6-20	3GPP ’208 in view of Van Lieshout

The following table summarizes the prior art basis for each reference relied on by the present Petition with respect to the earliest effective filing date (February 15, 2018, hereinafter the “Critical Date”):

Reference	Dates
3GPP ’208 (APPLE-1004)	12/01/2017 (published)

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