

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.: 39843-0093IP1
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

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

Samsung 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 Samsung will prevail on the Challenged Claims.

I. REQUIREMENTS FOR IPR

A. Grounds for Standing

Samsung certifies that the ’133 Patent is available for IPR. Samsung 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	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 (SAMSUNG-1004)	12/01/2017 (published)

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