Ranking of ETSI patents

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S.No	Patent/Publication No.	International Class (primary)	Assignee	Title	Publication Year	Priority Year(s)	Legal Status	Rank
1	US20090086710A1	H04J000324	Qualcomm Incorporated	Method and apparatus for implementing lte rlc header formats	2009	2007 | 2008	Docketed New Case - Ready for Examination	3
2	US6694469B1	H04L000116	Qualcomm Incorporated	Method and an apparatus for a quick retransmission of signals in a communication system	2004	2000	Patented Case	4
3	US7542482B2	H04J000324	Qualcomm Incorporated	Method and apparatus for message segmentation in a wireless communication system	2009	2001	Patented Case	4
4	US7876729B1	H04W000400	Qualcomm Incorporated	Intersystem base station handover	2011	1998 | 1999 | 2000	Patented Case	4
5	US7904053B2	H04M001104	Qualcomm Incorporated	Method and apparatus for communicating emergency information using wireless devices	2011	2003 | 2003 | 2006 | 2009	Patented Case	4
6	US20090268683A1	H04W007204	Qualcomm Incorporated	Partial radio link control status report	2009	2008 | 2009	Docketed New Case - Ready for Examination	3
7	US20110090866A1	H04W003600	ALCATEL-LUCENT	Method, user equipment and communication system for inter-rat handover in 3g lte	2011	2008 | 2008	Docketed New Case - Ready for Examination	2
8	EP2242322A1	H04W008000	ALCATEL-LUCENT	Method for the harq buffer operation	2010	2008 | 2009 | 2009	REQUEST FOR EXAMINATION FILED	2
9	EP2291019A1	H04W001610	ALCATEL-LUCENT	Method for harq process allocation of dl semi-persistent scheduling and corresponding system	2011	2008 | 2008	REQUEST FOR EXAMINATION FILED	2
10	US20110093756A1	H04L000118	ALCATEL-LUCENT	Method for dl semi-persistent scheduling harq process allocation and apparatus thereof	2011	2008 | 2008	Application Dispatched from Preexam, Not Yet Docketed	2
11	EP2248356A1	H04W000400	ALCATEL-LUCENT	Method, user equipment and communication system for inter-rat handover in 3g lte	2010	2008 | 2008	REQUEST FOR EXAMINATION FILED	2
12	EP2068505A1	H04L001256	ALCATEL-LUCENT	Method and device for reporting the uplink scheduling request and the emergency status in the wireless networks	2009	2006 | 2007 | 2007	REQUEST FOR EXAMINATION FILED	3
13	EP2180627A1	H04L000108	ALCATEL-LUCENT	A communication method and equipment for controlling the data transmission and retransmission of mobile station at the base station	2010	2007 | 2007	REQUEST FOR EXAMINATION FILED	3
14	US20110029834A1	H04L000118	ALCATEL-LUCENT	Method for operating harq buffer	2011	2008 | 2009 | 2009	Docketed New Case - Ready for Examination	2
15	EP1400140A1	H04W000826	Ericsson AB	Handling of temporary identities in mobile	2004	2001 | 2002 |	LAPSE BECAUSE OF	5

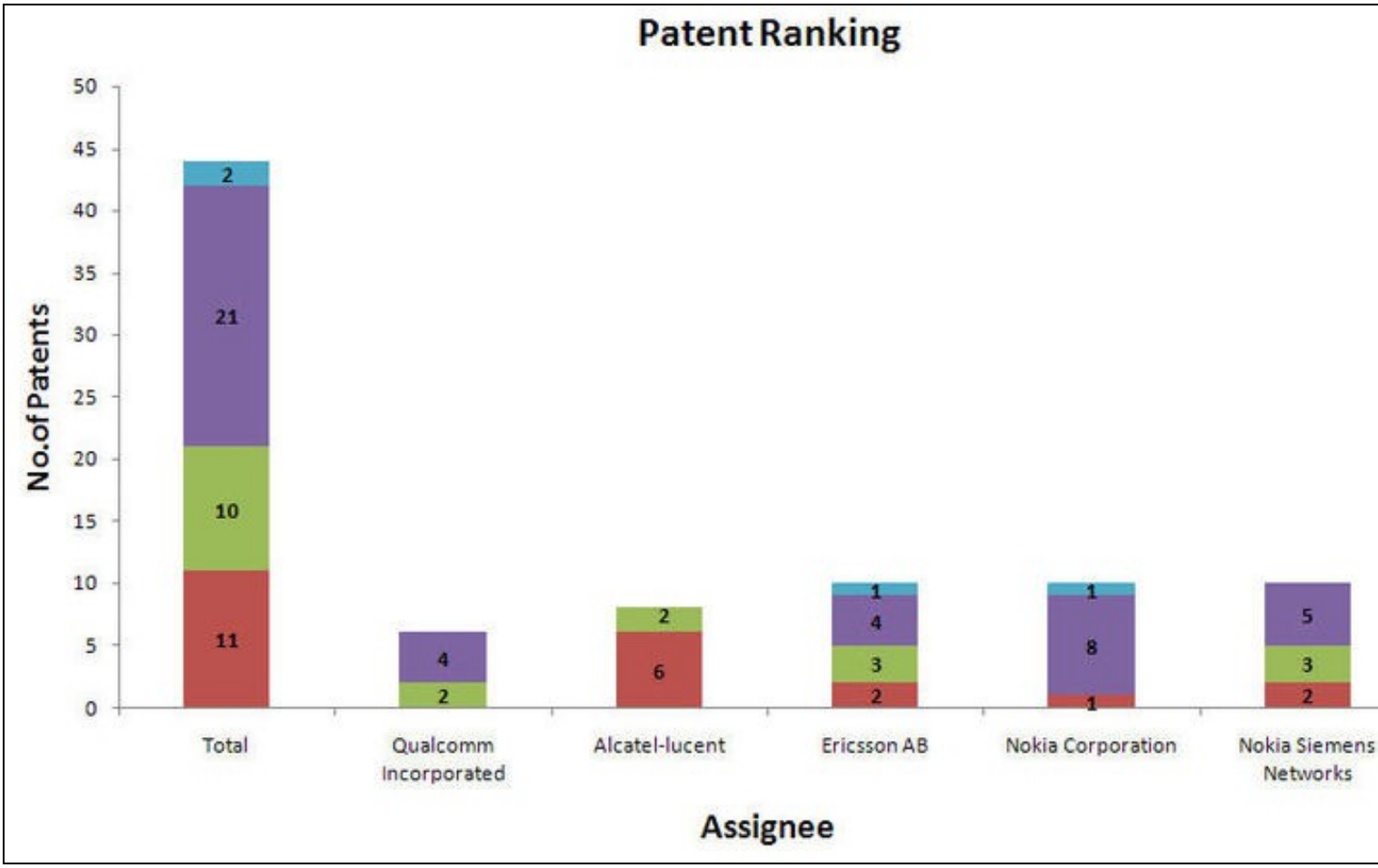
				telephony systems		2002	NON-PAYMENT OF DUE FEES	
16	EP1440599A1	H04W000402	Ericsson AB	Method for checking whether a mobile station supports a location service (lcs) in a packet switched mode	2004	2001 | 2002 | 2002	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	**4**
17	EP0904665A1	H04L001246	Ericsson AB	method and apparatus for addressing a wireless communication station with a dynamically-assigned address	1999	1996 | 1997 | 1997	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	**4**
18	EP1177655A1	H04M001700	Ericsson AB	Prepaid subscriber service for packet-switched and circuit-switched radio telecommunications networks	2002	1999 | 2000 | 2000	REQUEST FOR EXAMINATION FILED	**4**
19	EP1961141A2	H04L000100	Ericsson AB	efficient channel quality reporting and link adaptation for multi-carrier broadband wireless communication	2008	2005 | 2006 | 2006	REQUEST FOR EXAMINATION FILED	**2**
20	EP2198533A2	H04B000704	Ericsson AB	Method and arrangements for signaling control information in a communication system	2010	2007 | 2008 | 2008	REQUEST FOR EXAMINATION FILED	**3**
21	EP2220841A1	H04L002906	Ericsson AB	Method and system for correlating aaa sessions	2010	2007 | 2008 | 2008	REQUEST FOR EXAMINATION FILED	**3**
22	EP2248373A1	H04W002818	Ericsson AB	Methods and arrangements for a mobile communications network	2010	2008 | 2008 | 2008	REQUEST FOR EXAMINATION FILED	**2**
23	EP2263411A2	H04W007212	Ericsson AB	Prohibiting unnecessary scheduling requests for uplink grants	2010	2008 | 2009 | 2009	REQUEST FOR EXAMINATION FILED	**3**
24	EP2272269A1	H04W000806	Ericsson AB	Method for context handling	2011	2008 | 2008 | 2008	REQUEST FOR EXAMINATION FILED	**4**
25	US20100182939A1	H04J000300	NOKIA Corporation	Configuration of multi-periodicity semi-persistent scheduling for time division duplex operation in a packet-based wireless communication system	2010	2008 | 2009	Docketed New Case - Ready for Examination	**2**
26	US20090305711A1	H04W007200	NOKIA Corporation	Discontinuous transmission/reception in a communications system	2009	2005 | 2005 | 2006 | 2006	Final Rejection Mailed	**5**
27	US6879690B2	H04L002906	NOKIA Corporation	Method and system for delegation of security procedures to a visited domain	2005	2001 | 2001	Patented Case	**4**
28	US20050228893A1	H04L002906	NOKIA Corporation	Method of configuring a mobile node	2005	2004 | 2004 | 2005	Response to Non-Final Office Action Entered and Forwarded to Examiner	**4**
29	US20060195576A1	G06F0015173	NOKIA Corporation	Discontinuous transmission/reception in a communications system	2006	2005	Non Final Action Mailed	**4**

30	EP1719356A2	H04W006400	NOKIA Corporation	Method and apparatus for reporting location of a mobile terminal	2006	2004 | 2004 | 2004	REQUEST FOR EXAMINATION FILED	**4**
31	EP1608115A1	G10L001914	NOKIA Corporation	Speech transmission between terminals in different networks	2005	1997 | 1998 | 1998	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	**4**
32	EP0953231A2	H04J000300	NOKIA Corporation	Multiplexing method and transceiver	1999	1997 | 1998 | 1998	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	**4**
33	EP1121820A1	H04W002818	NOKIA Corporation	Data transmission resources optimization	2001	1998 | 1999 | 1999	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	**4**
34	EP1192832A1	H04W003608	NOKIA Corporation	A method of selecting a new cell	2002	1999 | 2000 | 2000	REQUEST FOR EXAMINATION FILED	**4**
35	US20080049697A1	H04H000100	Nokia Siemens Networks	Method and radio communication system for transmitting user information as a service to several user stations	2008	2002 | 2003 | 2003	Docketed New Case - Ready for Examination	**4**
36	EP2181559A1	H04W003608	Nokia Siemens Networks	handover of a user equipment with forwarding and reusing a user equipment configuration	2010	2007 | 2008 | 2008	REQUEST FOR EXAMINATION FILED	**2**
37	EP2213034A2	H04L000118	Nokia Siemens Networks	Improved ack/nack dtx detection and signalling of not receiving a downlink allocation grant message	2010	2007 | 2008 | 2008 | 2008	REQUEST FOR EXAMINATION FILED	**2**
38	EP2250856A1	H04W008400	Nokia Siemens Networks	Server identifier acquisition based on device location	2010	2008 | 2008	REQUEST FOR EXAMINATION FILED	**3**
39	EP1090527A1	H04W004812	Nokia Siemens Networks	Method for transmitting organizational information	2001	1998 | 1999 | 1999	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	**4**
40	EP1030530A2	H04L001256	Nokia Siemens Networks	Method for transmission of packet switched data in a radio communication system	2000	1999 | 2000	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	**4**
41	US20090268844A1	H04L002700	Nokia Siemens Networks	Method and apparatus to link modulating and coding scheme to amount of resources	2009	2008 | 2008 | 2008 | 2009	Docketed New Case - Ready for Examination	**3**
42	US7215962B2	H04W003614	Nokia Siemens Networks	Method for an intersystem connection handover	2007	2000 | 2001 | 2002	Patented Case	**4**
43	EP1238463A2	H04L000100	Nokia Siemens Networks	Method and system for transmitting data and for determining the transmission properties in a radio communications system	2002	1999 | 2000 | 2000	POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE	**4**
44	US20100080152A1	H04L002902	Nokia Siemens Networks	Method and apparatus for providing signaling of redundancy versions	2010	2008 | 2009	Non Final Action Mailed	**3**

Disclaimer: Patent ranking has been done according to the following logic:

- **Rank-1:** Granted + LTE related (claims)
- **Rank-2**: Published + LTE related (claims)
- **Rank-3**: LTE related (Full spec)

- **Rank-4**: May be relevant and requires further analysis
- **Rank-5**: Abandoned or Expired



Note: Here a total of **44** patents from ETSI have been taken, out of which **Qualcomm Incorporated** has **6** patents, **Alcatel-lucent** has **8** patents, **Ericsson AB**, **Nokia corporation**, **Nokia Siemens Networks** have **10 each**

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