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[Continued on next page]

(54) Title: SOUNDING REFERENCE SIGNAL ARRANGEMENT

FIGURE 4

SRS Bandwidths Table 400

# of RBs	Allowed SRS BW?
1	No
2	Yes
3	No
4	Yes
5	No
6	Yes
8	Yes
9	No
10	Yes
12	Yes
15	No
16	No
18	Yes
20	Yes
24	Yes
25	No
27	No
30	Yes
32	Yes
36	Yes
40	Yes
45	No
48	Yes
50	Yes
54	Yes
60	Yes
64	Yes
72	Yes
75	No
80	Yes
81	No
90	Yes
96	Yes
100	Yes
108	Yes

(57) Abstract: A method, apparatus, and computer program embodied
on a computer-readable medium to create an uplink message to be trans-
mitted to a base station, the created uplink message comprises a sound-
ing reference signal based on accessed data. An uplink scheduling grant
signal is received via downlink, from the base station, in response to the
transmission of the uplink message. An uplink data transmission is trans-
mitted to the base station responsive to the received uplink scheduling
grant signal.



ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR),
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