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(54) APPARATUS FOR PRODUCTION OF
SCRAMBLING CODES AND PREAMBLES

Publication Classification

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(57) **ABSTRACT**

The present invention is directed to an apparatus for production of scrambling codes that are used for scrambling binary signals transmitted via physical channels in a mobile radio system. The apparatus is also configured to produce preambles that are sent on a physical channel in order to control the access to that particular physical channel. The apparatus includes a scrambling code generator for production of the scrambling codes, and a preamble generator for production of non-scrambled preambles, and at least one multiplier for scrambling the non-scrambled preambles using associated scrambling codes.

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Dec. 17, 2003 (DE)..... DE 103 59 268.7

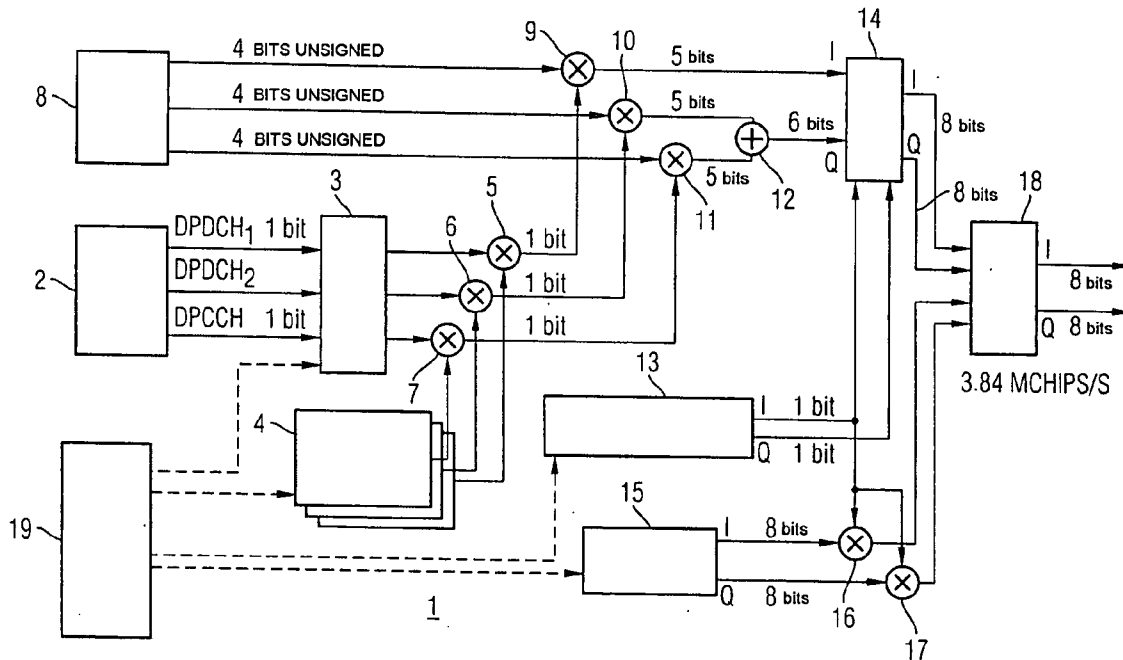


FIG 1

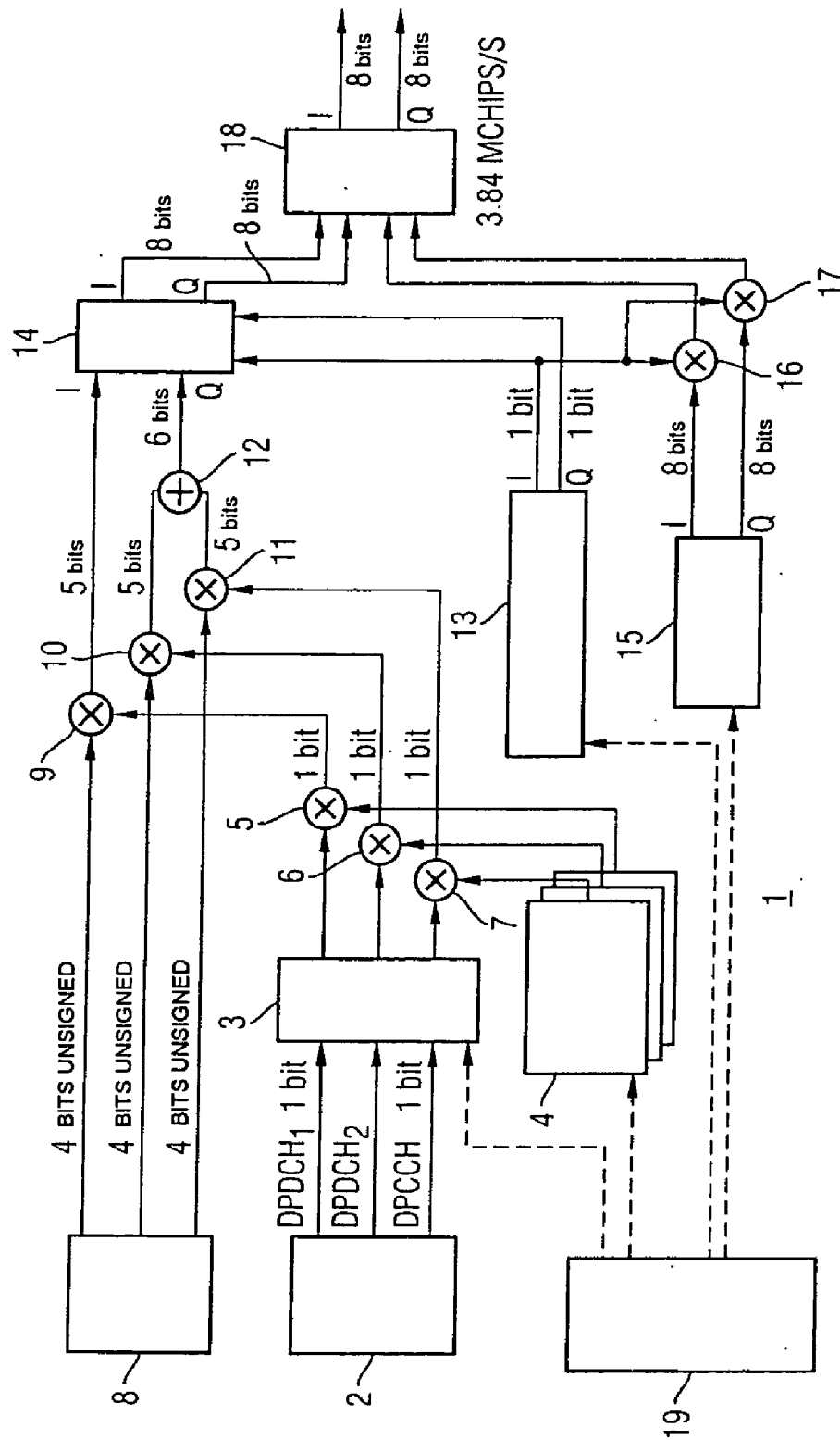


FIG 2

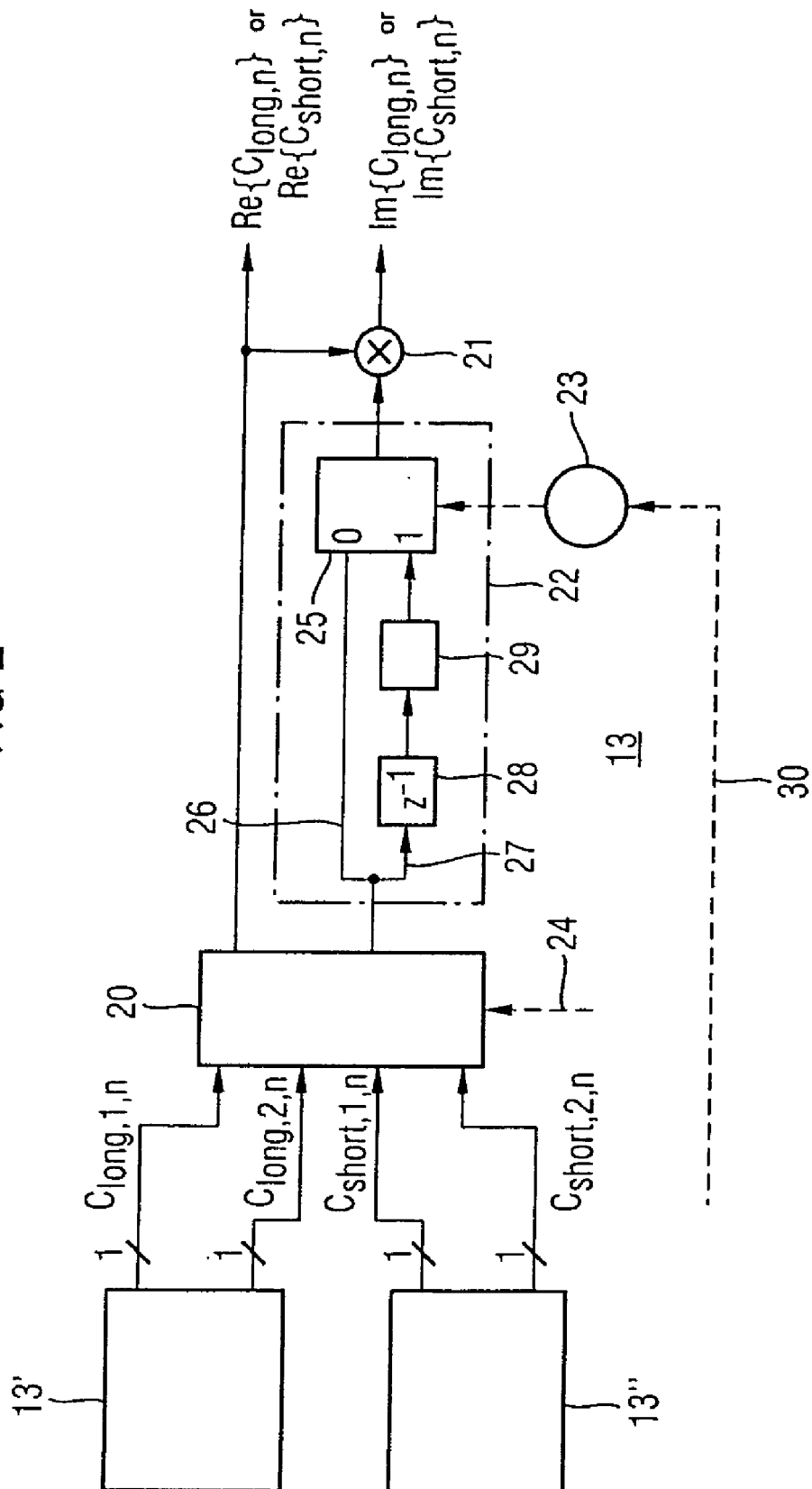


FIG 3

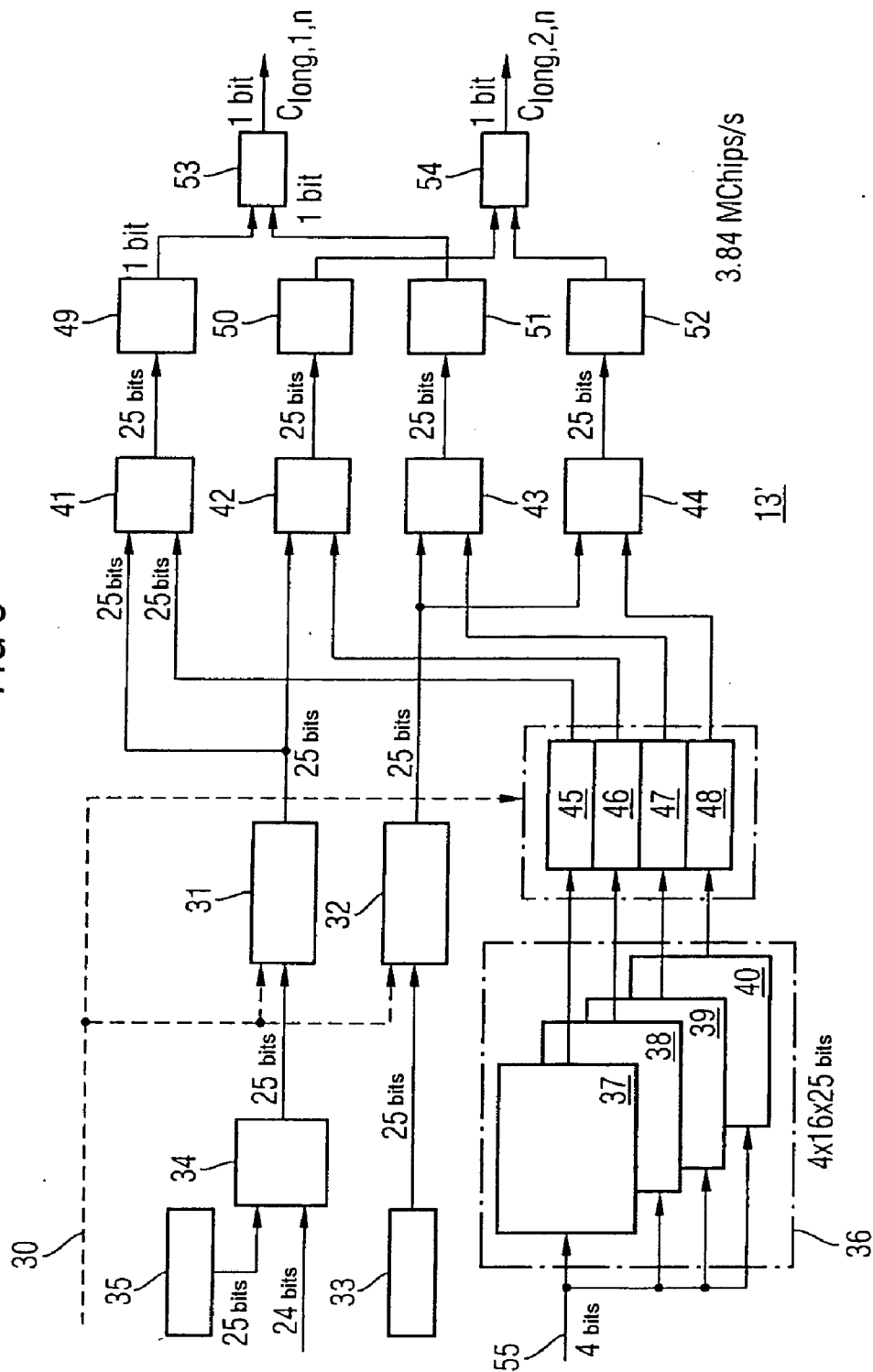
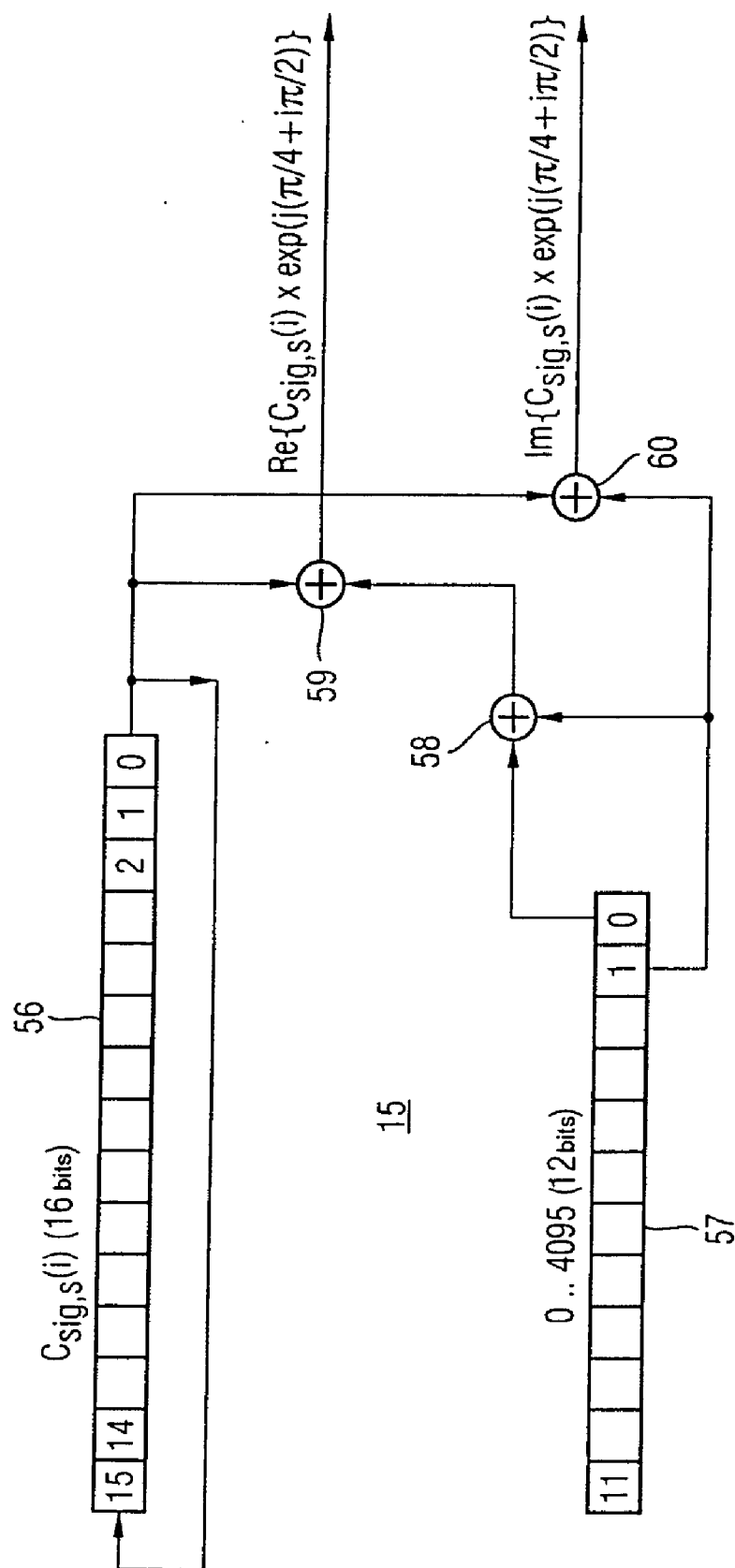


FIG 4





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