

Title (en)

STATIC FREQUENCY DIVIDER WITH MODIFIABLE DIVIDER RATIO

Title (de)

STATISCHER FREQUENZTEILER MIT UMSCHALTBAREM TEILERVERHÄLTNIS

Title (fr)

DIVISEUR DE FREQUENCE STATIQUE AVEC RAPPORT DE DIVISION MODIFIABLE

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Application

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Abstract (en)

[origin: WO0001071A1] The invention relates to a static frequency divider with a modifiable divider ratio for maximum frequencies and with a minimal overall power consumption. In a first divider stage, a T-flip-flop is provided with modified D-flip-flops which have an additional input transistor pair. If at any chosen time, the operating current of said input transistor pair is switched, exactly one input clock pulse period is suppressed and the divider ratio is modified. Almost any modifiable divider ratios can be produced with other divider flip-flops and a plurality of modifying operations.

IPC 1-7

H03K 23/66

IPC 8 full level

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