

Title (en)

LOW-NOISE LOAD PUMP FOR PHASE-LOCKING LOOP

Title (de)

RAUSCHARME LADUNGSPUMPE FÜR EINE PHASENREGELSCHLEIFE

Title (fr)

POMPE DE CHARGE A FAIBLE BRUIT POUR BOUCLE A VERROUILLAGE DE PHASE

Publication

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Application

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Abstract (en)

[origin: WO02054597A2] The invention concerns a load pump for phase-locking loop comprising a first current source (14), a second current source (16), several switches (M1, M2, M3, M4) adapted to communicate the first and/or the second current source with the load pump output (OUT). The second current source is driven by control means (18) adapted to store a physical quantity corresponding to the value of the current (I1) supplied by the first current source (14), so that the value of current (I2) supplied by the second current source is substantially equal to the value of current (I1) supplied by the first current source.

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IPC 8 full level

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