

Title (en)
DEVICE FOR REDUCING PHASE NOISE

Title (de)
EINRICHTUNG ZUR REDUKTION VON PHASENRAUSCHEN

Title (fr)
DISPOSITIF DE REDUCTION DU BRUIT DE PHASE

Publication
EP 1561277 A1 20050810 (FR)

Application
EP 03778343 A 20031107

Priority
• EP 0350801 W 20031107
• FR 0214124 A 20021112

Abstract (en)
[origin: FR2847078A1] The phase noise reduction mechanism has a quasi periodic source at a fundamental frequency. There is a pulse transmission particle transfer system at a set characteristic frequency. The characteristic frequency is set to provide an interactive repulsion between the fundamental and the characteristic frequency. The output is a voltage impulse signal at the fundamental frequency.

IPC 1-7
H03B 15/00; **H01L 27/18**

IPC 8 full level
H01L 27/18 (2006.01); **H01L 39/22** (2006.01); **H03B 15/00** (2006.01)

CPC (source: EP US)
H03B 15/00 (2013.01 - EP US); **H10N 60/12** (2023.02 - EP US); **H10N 69/00** (2023.02 - EP US)

Citation (search report)
See references of WO 2004045063A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
FR 2847078 A1 20040514; **FR 2847078 B1 20050218**; EP 1561277 A1 20050810; JP 2006506010 A 20060216; US 2006049891 A1 20060309; WO 2004045063 A1 20040527

DOCDB simple family (application)
FR 0214124 A 20021112; EP 0350801 W 20031107; EP 03778343 A 20031107; JP 2004551040 A 20031107; US 53458705 A 20050511