

# (12) International Application Status Report

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**(54) Title (EN):** ISOLATED NEUROSTIMULATOR CIRCUIT

**(54) Title (FR):** CIRCUIT NEUROSTIMULATEUR ISOLÉ

**(57) Abstract:**

**(EN):** A neurostimulator circuit (12) having a galvanically isolated stimulation channel (20), wherein for the stimulation channel, a cascode circuit of an H-bridge circuit adjusts a voltage between a main current source and the H-bridge circuit.

**(FR):** L'invention concerne un circuit neurostimulateur (12) ayant un canal de stimulation isolé galvaniquement (20), pour le canal de stimulation, un circuit cascode d'un circuit en pont en H ajustant une tension entre une source de courant principal et le circuit en pont en H.

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European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

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Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM

**Declarations:**

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate