

Title (en)

DEVICE FOR APPLYING TACTILE STIMULI DURING APNOEA PHASES IN PREMATURE BABIES

Title (de)

VORRICHTUNG ZUR APPLIKATION VON TAKTILEN REIZEN BEI APNOEPHASEN VON FRÜHGEBORENEN

Title (fr)

DISPOSITIF D'APPLICATION DE STIMULI TACTILES PENDANT DES PHASES D'APNÉE CHEZ DES PRÉMATURÉS

Publication

**EP 4054506 A1 20220914 (DE)**

Application

**EP 20803505 A 20201105**

Priority

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Abstract (en)

[origin: WO2021089694A1] The invention makes available a device for applying tactile stimuli during apnoea phases in premature babies (15), having - at least one pump (30), - at least one pressure detection sensor (41), - at least one cuff (10) having at least one chamber (11, 11'), and - at least one flexible line (12, 12') which connects an output of the at least one pump (30) to the at least one cuff (10) and via which at least one chamber (11, 11') of the at least one cuff (10) can be filled with and emptied of a fluid, wherein the pressure generated at the at least one cuff (10) can be measured with the at least one pressure detection sensor (41), and - a control device, wherein the at least one pump (30) is configured for filling and emptying the at least one chamber (11, 11') of the at least one cuff (10). The invention further relates to a cuff (10) for use in the device according to the invention, and to a method for controlling the device during apnoea phases in premature babies (15).

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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- See also references of WO 2021089694A1

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