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**(54) Title (EN):** AN IMPROVED SPEAKING VALVE

**(54) Title (FR):** VALVE DE PHONATION AMÉLIORÉE

**(57) Abstract:**

**(EN):** A speaking valve for use with a tracheostomy and voice prosthesis, that, in a first configuration, allows inspiration and expiration through the valve; and in a second configuration resists expiration. Increasing the pressure difference across the valve by increasing the rate of expiration to a predetermined threshold causes the valve to transition into the second configuration; and the second configuration the valve continues to resist expiration until a predetermined negative pressure difference across the valve causes it to transition back into the first configuration.

**(FR):** Une valve de phonation destinée à être utilisée avec une trachéotomie et une prothèse vocale, qui, dans une première configuration, permet l'inspiration et l'expiration à travers la valve; et dans une seconde configuration, résiste à l'expiration. L'augmentation de la différence de pression au niveau de la valve par augmentation de la vitesse d'expiration jusqu'à un seuil prédéterminé amène la valve à passer dans la seconde configuration; dans la seconde configuration, la valve continue à résister à l'expiration jusqu'à ce qu'une différence de pression négative prédéterminée au niveau de la valve l'amène à revenir dans la première configuration.

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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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**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