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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

(54) Title: PIEZO TYPE MECHANOSENSITIVE ION CHANNEL COMPONENT 1 (PIEZO1) VARIANTS AND USES THEREOF

(57) Abstract: Methods of treating patients having varicose veins, methods of identifying subjects having an increased risk of developing varicose veins, and methods of diagnosing varicose veins in a human subject, comprising detecting the presence of Piezo Type Mechanosensitive Ion Channel Component 1 (PIEZO1) predicted loss-of-function variant nucleic acid molecules and polypeptides in a biological sample from the patient or subject, are provided herein.



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