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(54) Title (EN): DRUG DELIVERY SYSTEM FOR USE IN THE TREATMENT OF VASCULAR AND VESSEL-RELATED PATHOLOGIES

(54) Title (FR): SYSTÈME D'ADMINISTRATION DE MÉDICAMENT DESTINÉ À ÊTRE UTILISÉ DANS LE TRAITEMENT DE PATHOLOGIES VASCULAIRES ET DE PATHOLOGIES LIÉES AUX VAISSEAUX

(57) Abstract:

(EN): The present invention relates to a drug delivery system for use in the treatment of vascular and vessel-related pathologies, comprising a drug delivery platform that comprises at least one compound capable of exerting an effect on the formation and/or maintenance of a thrombus in the vessel to be treated. The platform is preferably formed by liposomes that are sterically stabilized by grafting of poly(ethylene glycol) onto the liposome surface. The liposomes may further comprise photosensitizers and targeting molecules. The liposomes may be thermosensitive. The compound is suitably tranexamic acid. The drug delivery system is preferably used for the treatment of port wine stains.

(FR): La présente invention concerne un système d'administration de médicament destiné à être utilisé dans le traitement de pathologies vasculaires et de pathologies liées aux vaisseaux. Ledit système comprend une plateforme d'administration de médicament qui comporte au moins un composé capable d'exercer un effet sur la formation et/ou la maintenance d'un thrombus dans le vaisseau devant être traité. Ladite plateforme est, de préférence, formée par des liposomes qui sont stabilisés stériquement par greffe de poly(éthylène glycol) sur la surface desdits liposomes. Ces liposomes peuvent en outre comprendre des photosensibilisateurs et des molécules de ciblage. Les liposomes peuvent être thermosensibles. Ledit composé est, de manière adaptée, un acide tranexamique. Ledit système d'administration de médicament est de préférence utilisé dans le traitement de l'angiome plan.

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