

Title (en)
METHODS FOR GENERATING THERAPEUTIC DELIVERY PLATFORMS

Title (de)
VERFAHREN ZUR HERSTELLUNG THERAPEUTISCHER ABGABEPLATTFORMEN

Title (fr)
PROCÉDÉS DE GÉNÉRATION DE PLATES-FORMES D'ADMINISTRATION THÉRAPEUTIQUE

Publication
EP 3866981 A4 20220907 (EN)

Application
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Abstract (en)
[origin: WO2020086471A1] Methods for producing engineered exosomes and other vesicle-like biological targets in a microfluidic device, including allowing a target vesicle-like structure to react and bind with immunomagnetic particles; capturing the immunomagnetic particle/vesicle complex by applying a magnetic field; further engineering the captured vesicles by surface modifying with additional active moieties or internally loading with active agents; and releasing the engineered vesicle-like structures, such as by photolytically cleaving a linkage between the particle and engineered vesicle-like structures, thereby releasing intact vesicle-like structures which can act as delivery vehicles for therapeutic treatments.

IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)
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