

Title (en)
ABSORBABLE VASCULAR FILTER

Title (de)
ABSORBIERBARER GEFÄSSFILTER

Title (fr)
FILTRE VASCULAIRE ABSORBABLE

Publication
EP 4048197 A4 20231129 (EN)

Application
EP 20878978 A 20201019

Priority
• US 201916659536 A 20191021
• US 2020056359 W 20201019

Abstract (en)
[origin: WO2021080923A1] An absorbable vascular filter is disclosed for deployment within a vessel for temporary filtering of body fluids. An embodiment is configured for the placement of such absorbable vascular filter within the inferior vena cava (IVC) to filter emboli for the prevention of pulmonary embolism (PE) for a limited duration in time. Once protection from PE is complete, the filter is biodegraded according to a planned schedule determined by the absorption properties of the filter components. Hence the temporary absorbable vascular filter obviates the long term complications of permanent IVC filters such as increased deep vein thrombosis, neighboring organ puncture from filter fracture and embolization while also circumventing the removal requirement of metal retrievable IVC filters.

IPC 8 full level
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Citation (search report)
• [X1] CN 107174373 A 20170919 - MICROPORT ENDOVASCULAR (SHANGHAI) CO LTD
• [X1] US 2017105855 A1 20170420 - KLAUSEN KASPER [DK]
• [X] WO 2008010197 A2 20080124 - NOVATE MEDICAL LTD [IE], et al
• [A] WO 2010082187 A1 20100722 - NOVATE MEDICAL LTD [IE], et al
• See references of WO 2021080923A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2021080923 A1 20210429; AU 2020369971 A1 20220512; CA 3155354 A1 20210429; CN 114845665 A 20220802; EP 4048197 A1 20220831; EP 4048197 A4 20231129; JP 2022553341 A 20221222; KR 20220119007 A 20220826

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