

Title (en)

COMPOSITE SCAFFOLD FOR THE REPAIR, RECONSTRUCTION, AND REGENERATION OF SOFT TISSUES

Title (de)

VERBUNDGERÜST ZUR REPARATUR, REKONSTRUKTION UND REGENERATION VON WEICHGEWEBE

Title (fr)

ÉCHAFAUDAGE COMPOSITE POUR LA RÉPARATION, LA RECONSTRUCTION ET LA RÉGÉNÉRATION DE TISSUS MOUS

Publication

**EP 4188469 A1 20230607 (EN)**

Application

**EP 21854425 A 20210803**

Priority

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- US 2021044354 W 20210803

Abstract (en)

[origin: WO2022031709A1] The disclosed composite scaffolds and methods of manufacturing the same provide highly porous and flexible structures that substantially maintain three-dimensional shape under tension and provide mechanical reinforcement of the repair or reconstruction- first via scaffold mechanical properties, and subsequently, through newly regenerated functional tissue as the scaffold is resorbed.

IPC 8 full level

**A61L 27/50** (2006.01); **A61F 2/00** (2006.01); **A61F 2/08** (2006.01); **A61L 27/14** (2006.01); **A61L 27/18** (2006.01); **A61L 27/54** (2006.01); **A61L 27/56** (2006.01)

CPC (source: EP IL)

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Citation (search report)

See references of WO 2022031709A1

Designated contracting state (EPC)

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