

Title (en)  
COMPOSITIONS COMPRISING EXTRACTS OF APLINIA AND OTHER PLANTS FOR IMPROVING JOINT HEALTH AND TREATING ARTHRITIS

Title (de)  
ZUSAMMENSETZUNGEN, DIE EXTRAKTE VON APLINIA UND ANDEREN PFLANZEN ZUM VERBESSERN DER GELENKGESUNDHEIT UND BEHANDELN VON ARTHRITIS UMFASSEN

Title (fr)  
COMPOSITIONS COMPRENANT DES EXTRAITS D'APLINIA ET D'AUTRES PLANTES POUR AMÉLIORER LA SANTÉ ARTICULAIRE ET TRAITER L'ARTHRITE

Publication  
**EP 4100034 A1 20221214 (EN)**

Application  
**EP 21708882 A 20210207**

Priority  
• US 202062970792 P 20200206  
• US 2021016981 W 20210207

Abstract (en)  
[origin: CN115515614A] Disclosed herein are extracts of pharmaceutical plants from the genus Alpinia, Magnolia, Kochia, and Pepper/Piper, and bioactive agents thereof, in combination or alone, for use in modulating chondrocytes, extracellular matrix, homeostasis of articular cartilage, and arthritis phenotypes, it results in enhanced anabolic function of cartilage cells, increased renewal/reconstruction/regeneration of extracellular matrix and articular cartilage, and improved phenotypes of osteoarthritis and rheumatoid arthritis.

IPC 8 full level  
**A61K 36/21** (2006.01); **A61K 31/00** (2006.01); **A61K 36/575** (2006.01); **A61K 36/67** (2006.01); **A61K 36/9062** (2006.01); **A61P 19/02** (2006.01)

CPC (source: EP)  
**A61K 36/21** (2013.01); **A61K 36/575** (2013.01); **A61K 36/67** (2013.01); **A61K 36/9062** (2013.01); **A61K 45/06** (2013.01); **A61P 19/02** (2018.01)

C-Set (source: EP)  
1. **A61K 36/21 + A61K 2300/00**  
2. **A61K 36/575 + A61K 2300/00**  
3. **A61K 36/67 + A61K 2300/00**  
4. **A61K 36/9062 + A61K 2300/00**

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
CN 115515614 A 20221223; CN 115515614 B 20240723; EP 4100034 A1 20221214

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CN 202180025755 A 20210207; EP 21708882 A 20210207