

Title (en)  
OPTIMIZED DEVELOPMENT OF ELECTRO-MECHANICAL DEVICES

Title (de)  
OPTIMIERTE ENTWICKLUNG ELEKTROMECHANISCHER VORRICHTUNGEN

Title (fr)  
DÉVELOPPEMENT OPTIMISÉ DE DISPOSITIFS ÉLECTROMÉCANIQUES

Publication  
**EP 3887997 A1 20211006 (EN)**

Application  
**EP 21700324 A 20210118**

Priority

- EP 20166943 A 20200331
- US 202016836707 A 20200331
- EP 2021050963 W 20210118

Abstract (en)  
[origin: WO2021148357A1] Method for producing a winding assembly for an electro-mechanical device, wherein the winding assembly comprises a circuit board with conductor tracks, wherein the winding assembly preferably comprises a substantial number of optimizable design parameters, the method comprising the following steps: optimizing, in a computerized optimization tool, the design of the winding assembly; manufacturing the circuit board with the winding conductor tracks according to the optimized design of the winding assembly; forming the winding assembly of the electro-mechanical device with the manufactured circuit board. The design of the winding assembly is optimized based on an optimization function.

IPC 8 full level  
**G06F 30/20** (2020.01)

CPC (source: EP IL)  
**G06F 30/20** (2020.01 - EP IL)

Citation (search report)  
See references of WO 2021148357A1

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

DOCDB simple family (publication)  
**WO 2021148357 A1 20210729**; CN 115668202 A 20230131; EP 3887997 A1 20211006; IL 296948 A 20221201; JP 2023548725 A 20231121

DOCDB simple family (application)  
**EP 2021050963 W 20210118**; CN 202180039442 A 20210118; EP 21700324 A 20210118; IL 29694822 A 20220929; JP 2022559907 A 20210118