



US 20220369487A1

(19) **United States**(12) **Patent Application Publication**
Heiskanen(10) **Pub. No.: US 2022/0369487 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **HINGE ASSEMBLY FOR CONTROLLED
FOLDING OF AN ELECTRONIC DEVICE**(71) Applicants: **Juuso HEISKANEN**, Kista (SE);
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§ 371 (c)(1),

(2) Date: **Apr. 21, 2022****Publication Classification**(51) **Int. Cl.****H05K 5/02** (2006.01)**H05K 5/00** (2006.01)**H02K 41/02** (2006.01)**G06F 1/16** (2006.01)**F16C 11/04** (2006.01)(52) **U.S. Cl.**CPC **H05K 5/0226** (2013.01); **H05K 5/0018**
(2022.08); **H02K 41/02** (2013.01); **G06F**
1/1681 (2013.01); **G06F 1/1652** (2013.01);
G06F 1/1618 (2013.01); **F16C 11/04**
(2013.01); **E05Y 2900/606** (2013.01); **E05D**
1/00 (2013.01)

(57)

ABSTRACT

A hinge assembly for an electronic device, the hinge assembly being moveable between an unfolded position and at least a first folded end position, and comprising a row of interconnected and abutting hinge blades and at least one linear actuator. The hinge blades are aligned in a common plane when the hinge assembly is in the unfolded position, each hinge blade being rotated relative neighboring hinge blades around a first hinge assembly rotation axis, when the hinge assembly is moved to the first folded end position. The linear actuator comprises a rotation shaft and a plurality of linear drive arrangements having different lengths. The rotation shaft extends in parallel with the first hinge assembly rotation axis and comprises sections having different diameters.

