

Title (en)  
FOLDABLE WALKING AID APPARATUS

Title (de)  
FALTBARE GEHHILFEVORRICHTUNG

Title (fr)  
DISPOSITIF PLIABLE D'ASSISTANCE À LA MARCHÉ

Publication  
**EP 3912611 A1 20211124 (EN)**

Application  
**EP 20176072 A 20200522**

Priority  
EP 20176072 A 20200522

Abstract (en)  
There is described a foldable walking aid apparatus (1) comprising a foldable frame (10) including first and second side frame members (11, 12) and a folding mechanism (20) coupling the first side frame member (11) to the second side frame member (12), and a foldable seat platform (30) connected at a first end (30.1) to the first side frame member (11) and at a second end (30.2) to the second side frame member (12). The foldable frame (10) and foldable seat platform (30) are configured to be selectively switchable from an unfolded, deployed configuration to a folded configuration, and vice versa. The foldable seat platform (30) is a solid three-piece foldable platform comprising a central seat member (31) that is pivotally connected to first and second outer seat members (35, 36) by means of first and second hinges (30a, 30b), the first and second outer seat members (35, 36) being pivotally connected, at the first and second ends (30.1, 30.2) of the foldable seat platform (30), to the first and second side frame members (11, 12), respectively. The foldable seat platform (30) further comprises a locking mechanism (50) configured to lock the foldable seat platform (30) in the deployed configuration and prevent pivotal movement of the central seat member (31) with respect to the first and second outer seat members (35, 36), thereby locking the foldable frame (10) in the deployed configuration. The locking mechanism (50) is further configured to selectively release the foldable seat platform (30) from the deployed configuration and allow pivotal movement of the central seat member (31) with respect to the first and second outer seat members (35, 36), thereby allowing switching of the foldable frame (10) from the deployed configuration to the folded configuration.

IPC 8 full level  
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CPC (source: EP)  
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Citation (applicant)  
• EP 2537503 A1 20121226 - INVACARE INT SARL [CH]  
• US 7108004 B2 20060919 - COWIE ROSS LYELL [CA], et al  
• US 2005211285 A1 20050929 - COWIE ROSS L [CA], et al  
• US 8083239 B2 20111227 - LIU JULIAN [CA]  
• US 2010083994 A1 20100408 - LIU JULIAN [CA]  
• WO 9318946 A1 19930930 - ERGOTEK I SMALAND AB [SE]

Citation (search report)  
• [XYI] US 2007267835 A1 20071122 - HUANG PAO SHAN [TW]  
• [YD] EP 2537503 A1 20121226 - INVACARE INT SARL [CH]  
• [A] WO 2019191097 A1 20191003 - EXOKINETICS INC [US]  
• [A] US 2015093182 A1 20150402 - WU CHING-TSANG [TW]

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