

Title (en)  
FOLDING BEAM SYSTEMS

Title (de)  
KLAPPBALKENSYSTEME

Title (fr)  
SYSTÈMES DE POUTRES PLIANTES

Publication  
**EP 4278048 A1 20231122 (EN)**

Application  
**EP 21920055 A 20211116**

Priority  
• US 202163136268 P 20210112  
• US 202163188101 P 20210513  
• US 2021059440 W 20211116

Abstract (en)  
[origin: CA3204932A1] Structural beams for a building structure that can be folded, to permit the creation of a compact building structure shipping module. The structural beams also can be unfolded and locked in the unfolded position to provide a rigid structure for resisting vertical loads and transferring them to lower levels and ultimately the building foundation.

IPC 8 full level  
**E04B 1/344** (2006.01); **B32B 5/18** (2006.01); **B32B 5/20** (2006.01); **B32B 15/04** (2006.01); **E04B 1/343** (2006.01); **E04B 1/348** (2006.01)

CPC (source: EP)  
**B32B 5/18** (2013.01); **B32B 13/06** (2013.01); **B32B 15/046** (2013.01); **B32B 15/18** (2013.01); **E04B 1/34853** (2013.01); **B32B 2250/40** (2013.01); **B32B 2255/06** (2013.01); **B32B 2255/205** (2013.01); **B32B 2266/0228** (2013.01); **B32B 2419/00** (2013.01); **B32B 2419/06** (2013.01)

Citation (search report)  
See references of WO 2022154855A1

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Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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