

Title (en)  
COMPRESSIBLE STRUCTURAL PANEL

Title (de)  
NACHGIEBIGES STRUKTURELLES PANEEL

Title (fr)  
PANNEAU STRUCTUREL COMPRESSIBLE

Publication  
**EP 1276938 A2 20030122 (EN)**

Application  
**EP 01928749 A 20010423**

Priority  
• US 0112998 W 20010423  
• US 19920800 P 20000424

Abstract (en)  
[origin: US2002020142A1] A structural panel for use in building structures or in the formation, finish or decoration thereof includes an outer sheet and a connector sheet with a plurality of collapsible or compressible dividers therebetween. The panel in a rest condition is expanded and of a desired thickness for final use but can be compressed into a relatively thin thickness or profile for shipping purposes. The panel is very lightweight but structurally strong and can be selectively bent in one transverse direction if desired. The panel can be easily cut or formed into any predetermined size or shape.

IPC 1-7  
**E04C 2/32**; **E04C 2/34**; **E04C 2/36**; **B32B 3/12**

IPC 8 full level  
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