

Title (en)  
INSULATING PANE OF SYNTHETIC GLASS

Publication  
**EP 0024658 B1 19830202 (DE)**

Application  
**EP 80104851 A 19800815**

Priority  
DE 2935456 A 19790901

Abstract (en)  
[origin: US4399641A] A synthetic resin glass insulating pane of, at least, two plates and web frames between the plates, the web edges thereof being welded with the plates. The web frames are provided substantially as tubular bodies. The face edges of the web frames possess outwardly projecting edge shoulders with ultrasonics aligning webs protruding vertically in regard to the face. The side walls of the web frames form the lateral surfaces of a double frustum, the two frusta of which being composed with the smaller faces. The tubes may be straight or inclined tubes and may be of any cross-section. The web frames and/or the plates may be completely and/or partly transparent or non-transparent.

IPC 1-7  
**E04C 2/54**; **E06B 3/66**; **E04C 1/42**

IPC 8 full level  
**B32B 3/18** (2006.01); **C03C 27/12** (2006.01); **E04C 1/42** (2006.01); **E04C 2/54** (2006.01); **E06B 3/66** (2006.01); **H01B 17/60** (2006.01)

CPC (source: EP US)  
**E04C 2/54** (2013.01 - EP US); **Y10T 428/24182** (2015.01 - EP US); **Y10T 428/24661** (2015.01 - EP US)

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