

Title (en)  
Folding display frame.

Title (de)  
Faltbares Gestänge für Anzeigetafeln.

Title (fr)  
Châssis pliable pour panneau d'affichage.

Publication  
**EP 0271088 A2 19880615 (EN)**

Application  
**EP 87118267 A 19871209**

Priority  
US 94001986 A 19861210

Abstract (en)  
A collapsible framework (10) constructed of rods (12,14) pivotally joined at their ends to hubs (18) to form a self-standing unit when expanded and to fold into a small set of nearly parallel rods when folded. The hubs (18) are designed to pivotally join the ends of four rods (12,14), with the plane defined by the pivot axes of one pair of opposing rods being offset from the plane defined by the pivot axes of the other pair of opposed rods attached to the same hub (18). A stab-connection latch (40,42) locks two hubs together and secures the framework in the expanded position. Folding channel bars (80,82,84) are attached to knobs (64) on vertically aligned hubs by key-slots (100-106), the key-slots of one channel bar being of progressively shorter length going from the top-most to the bottom-most of the vertically aligned hubs to which the bar is attached.

IPC 1-7  
**E04B 1/344**; **G09F 15/00**

IPC 8 full level  
**A47F 5/13** (2006.01); **E04B 1/344** (2006.01); **G09F 15/00** (2006.01)

CPC (source: EP)  
**A47F 5/13** (2013.01); **E04B 1/3441** (2013.01); **G09F 15/0068** (2013.01)

Cited by  
EP0419006A1; CN106759915A; FR2849668A1; ES2062951A2; EP0890940A1; FR2765994A1; EP0495688A1; FR2671897A1; US6553698B1; US6223482B1; US7204064B2; WO9707299A1; WO8909006A1; WO0050702A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0498469 A2 19920812**; **EP 0498469 A3 19921125**; AT E82607 T1 19921215; AU 1604192 A 19920730; AU 4886390 A 19900517; AU 624672 B2 19920618; AU 656579 B2 19950209; AU 8200487 A 19880616; CA 1307641 C 19920922; CA 1320327 C 19930720; DE 3782725 D1 19921224; DE 3782725 T2 19930609; EP 0271088 A2 19880615; EP 0271088 A3 19900829; EP 0271088 B1 19921119; ES 2035023 T3 19930416

DOCDB simple family (application)  
**EP 92105833 A 19871209**; AT 87118267 T 19871209; AU 1604192 A 19920505; AU 4886390 A 19900129; AU 8200487 A 19871202; CA 553946 A 19871209; CA 616400 A 19920609; DE 3782725 T 19871209; EP 87118267 A 19871209; ES 87118267 T 19871209