

Title (en)  
SPINE SUPPORT ATTACHABLE TO STORAGE DEVICE INCLUDING RING BINDER

Publication  
**EP 0379570 A4 19901227 (EN)**

Application  
**EP 89908666 A 19890717**

Priority  
US 22070988 A 19880718

Abstract (en)  
[origin: WO9000982A1] A spine element (10) and storage device (9) permanently and securely attached together to form a bar-hangable unit (8).  
The spine element (10) has an off-center hook (17) for hanging.

IPC 1-7  
**B42F 13/40**

IPC 8 full level  
**B42F 15/00** (2006.01)

CPC (source: EP)  
**B42F 15/0058** (2013.01)

Citation (search report)

- [X] US 4445799 A 19840501 - WRIGHT DAVID M [US], et al
- [X] DE 3219261 A1 19831124 - DANZER GMBH & CO SIMON [DE]
- [X] DE 3117145 A1 19821118 - LAMPERTZ FAB ORG [DE]
- See references of WO 9000982A1

Designated contracting state (EPC)  
BE DE FR GB IT LU NL

DOCDB simple family (publication)  
**WO 9000982 A1 19900208**; EP 0379570 A1 19900801; EP 0379570 A4 19901227

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**US 8903084 W 19890717**; EP 89908666 A 19890717