

Title (en)  
EXTENDABLE SHELF ASSEMBLY

Title (de)  
EINZIEHBARES REGALSYSTEM

Title (fr)  
SYSTEME ETAGERE EXTENSIBLE

Publication  
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Application  
**EP 98954594 A 19981113**

Priority  
• GB 9803432 W 19981113  
• US 96859997 A 19971113  
• US 96997597 A 19971113

Abstract (en)  
[origin: WO9925220A1] An extendable shelf assembly mounted on a first and a second slotted upright, comprising a first extender bar affixed to the first slotted upright, a second extender bar affixed to the second slotted upright, the first extender bar including slots, a front rail, a back rail, a first side rail and a second side rail cooperatively defining a shelf frame, and a first and a second rotatable sprocket affixed to the shelf frame. The shelf frame slides between a plurality of fixed positions along the extender bar as the first sprocket engages the slots of the first extender bar and the second sprocket engages the slots of the second extender bar. The first and second sprockets are affixed to an axle that runs parallel to the back rail. The first and second sprockets comprise a plurality of teeth that engage the slots of the extender bars. The extendable shelf assembly may further comprise a position locking mechanism affixed to the shelf frame, the position locking mechanism comprising a tab and an extension, the extension engaging one of the slots of the first extender bar and preventing the shelf frame from sliding between positions. The extendable shelf assembly may also comprise a metal biasing apparatus coupled to the shelf frame, the biasing apparatus engaging the extension and forcing the extension to enter one of the slots of the first extender bar.

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IPC 8 full level  
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