

Title (en)
Space divider system.

Title (de)
Raumeinteilungssystem.

Title (fr)
Système de cloisonnement.

Publication
EP 0027001 A2 19810415 (EN)

Application
EP 80303314 A 19800922

Priority
US 8143779 A 19791003

Abstract (en)
An improved and more versatile space divider system for open office interiors includes as a major component a structure beam or spine (40) supported at each end by vertically adjustable legs (42). Feet (108) on the legs (42) provide the required lateral stability to support or hand components such as work surfaces (72), filing systems (77) and the like from the beam (40). Each beam includes two enclosed electrical ducts (44, 46) on the top thereof superjacent work surface height, such ducts being provided for power and communication wiring respectively, with the latter being above the former and laterally enlarged. The power wiring duct (44) is prewired with outlets (50) on both sides, while the communications wiring duct (46) includes both lateral (49) and top (174) access. The legs (42) have a smooth exterior surface yet permit beams (40) to be connected thereto at a wide variety of angles. Enclosures or fillets (190, 191) for the beams and legs permit the ducts to pass through the legs fully enclosed. Each beam may be provided with a midpoint connection (88) so that one beam may be connected to and extend normal to the other without a leg beneath the point of connection. Posts (52) extend upwardly from the beam (40) from which hanger bars (54) are secured for supporting further accessories or acoustical panels (93). Accessories such as work surfaces (72) may quickly hook onto a recessed hook channel (290) in the beam, such accessories having a movable locking tab (313) to secure the hook (310) to the beam.

IPC 1-7
E04B 2/74

IPC 8 full level
A47B 83/00 (2006.01); **E04B 2/74** (2006.01)

CPC (source: EP)
A47B 83/001 (2013.01); **E04B 2/7433** (2013.01); **A47B 2200/01** (2013.01); **E04B 2002/7483** (2013.01)

Cited by
US5038539A; EP0184353A1; GB2172624A; AU572723B2; EP0182662A3; AU578986B2; EP0481942A1; US5207041A; GB2428695A; GB2428695B; EP0718448A1; US5723831A; EP0326521A1; CH671597A5; EP0505592A1; EP0479330A3; EP0479331A3; EP0174426A3; US7178300B2; US9271568B2; US10206500B2

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

DOCDB simple family (publication)
EP 0027001 A2 19810415; EP 0027001 A3 19810527; EP 0027001 B1 19830608; AT E3730 T1 19830615; CA 1150031 A 19830719; DE 3063688 D1 19830714; HK 27287 A 19870416

DOCDB simple family (application)
EP 80303314 A 19800922; AT 80303314 T 19800922; CA 359230 A 19800828; DE 3063688 T 19800922; HK 27287 A 19870409