

Title (en)
A TELESCOPIC STAY

Publication
EP 0329665 B1 19920506 (EN)

Application
EP 87906683 A 19871002

Priority
US 91559586 A 19861006

Abstract (en)
[origin: WO8802430A1] A telescopic stay for two objects which can be folded relative to one another, particularly for supporting a work surface (1) which can be folded in relation to a frame structure (2, 5). The stay (4) includes two tubes (6, 7) which can be telescoped one within the other and which are intended for pivotal connection at mutually opposite ends thereof to a respective one of said objects, and further includes an inner guide tube (8) arranged in the telescopic tubes, a tension spring (15) which extends axially through all tubes, and a locking means (9, 10) for releasably locking the telescopic tubes in a given position relative to one another. To facilitate mounting of the stay (4), the inner guide tube (8) is fixed axially in relation to one telescopic tube (6) and accompanies the movement of this tube in relation to the other telescopic tube (7). For the purpose of damping oscillations between the foldable objects, when the stay is retracted, the ends of the tension spring (15) are each fixed in relation to their respective telescopic tubes (6, 7) and the length of the tension spring is adapted so that the spring constantly strives to telescope the tubes together.

IPC 1-7
A47B 5/04; E05C 17/30

IPC 8 full level
A47B 1/04 (2006.01); **A47B 5/04** (2006.01); **E05C 17/30** (2006.01)

CPC (source: EP KR)
A47B 1/04 (2013.01 - EP); **A47B 5/04** (2013.01 - EP KR); **E05C 17/30** (2013.01 - EP KR)

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

DOCDB simple family (publication)
WO 8802430 A1 19880407; AU 8070987 A 19880421; CA 1291200 C 19911022; EP 0329665 A1 19890830; EP 0329665 B1 19920506; JP H02500456 A 19900215; KR 880701529 A 19881103

DOCDB simple family (application)
SE 8700447 W 19871002; AU 8070987 A 19871002; CA 548543 A 19871005; EP 87906683 A 19871002; JP 50609087 A 19871002; KR 880700642 A 19880604