

Title (en)
ERGONOMIC READING STAND

Title (de)
ERGONOMISCHES LESEPULT

Title (fr)
PUITRE DE LECTURE ERGONOMIQUE

Publication
EP 1322200 A1 20030702 (DE)

Application
EP 01959956 A 20010910

Priority
• AT 0100283 W 20010910
• AT 15952000 A 20000920

Abstract (en)
[origin: WO0224029A1] Said stand is designed for books, catalogues, boards etc. weighing up to 4.5 kg. It consists of a right and left support (1), a bracket (15), a pivoting shaft (3) with knurled screws (9) and a base (11). All load-bearing parts are manufactured from steel-strength, special alloy, chromium-plated aluminium. The book (catalogue, board) is laid centrally on the right and left support. The slant of the book can be variably adjusted by releasing the knurled screws (on both ends of the pivoting shaft) and by displacing said shaft forwards or backwards, in relation to the base. Threaded pins for adjusting the sliding resistance that is generated when the pivoting shaft is displaced are provided on the underside of the pivoting shaft, below the right and left slide bearing. The bracket is used to hold down the pages. Said bracket can be adjusted to the thickness of the book by a displacement parallel to the lower bearing surface. The bracket can be pressed down to enable the pages to be turned rapidly. After the bracket has been released, it springs back into its original position. It is not therefore necessary to readjust it to the thickness of the book. The reading stand allows an ergonomic method of working, with a relaxed posture.

IPC 1-7
A47B 23/04

IPC 8 full level
A47B 23/00 (2006.01); **A47B 23/04** (2006.01)

CPC (source: EP KR US)
A47B 23/00 (2013.01 - KR); **A47B 23/042** (2013.01 - EP US)

Citation (search report)
See references of WO 0224029A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0224029 A1 20020328; AT 410886 B 20030825; AT A15952000 A 20030115; AT E315346 T1 20060215; AU 2001281572 B2 20051013; AU 8157201 A 20020402; BR 0114015 A 20030722; BR 0114015 B1 20100309; CA 2422434 A1 20030318; CA 2422434 C 20080610; CN 100401942 C 20080716; CN 1461192 A 20031210; DE 50108685 D1 20060406; EP 1322200 A1 20030702; EP 1322200 B1 20060111; ES 2257427 T3 20060801; JP 2004508154 A 20040318; JP 4344134 B2 20091014; KR 100778687 B1 20071122; KR 20030030003 A 20030416; US 2003183738 A1 20031002; US 6802486 B2 20041012

DOCDB simple family (application)
AT 0100283 W 20010910; AT 01959956 T 20010910; AT 15952000 A 20000920; AU 2001281572 A 20010910; AU 8157201 A 20010910; BR 0114015 A 20010910; CA 2422434 A 20010910; CN 01815939 A 20010910; DE 50108685 T 20010910; EP 01959956 A 20010910; ES 01959956 T 20010910; JP 2002528074 A 20010910; KR 20037003740 A 20030314; US 38098903 A 20030319