

Title (en)
Door closure mechanism

Title (de)
Türschliesser

Title (fr)
Ferme-porte

Publication
EP 1255015 A2 20021106 (EN)

Application
EP 02253136 A 20020503

Priority
GB 0111017 A 20010504

Abstract (en)
A door closure mechanism (21) for a cubicle (11), comprising damping means (22), biasing means (24) and a pivot arm (25), all arranged to be located within a headrail (14) relative to which the door (13) is pivotally mounted. The damping means (22) has its distal end fixed relative to the headrail (14) and its proximal end pivotally connected to one end of the pivot arm (25). The biasing means (24) has its distal end fixed relative to the headrail (14) and its proximal end pivotally connected the other end of the pivot arm (25). The pivot arm (25) is pivotally mounted relative to the headrail (14) and is arranged to be rotationally fixed relative to the door (13); whereby pivotal movement of the door (13) relative to the headrail (14) causes the pivot arm (25) to rotate relative to the headrail (14) thereby simultaneously moving the respective proximal ends of the damping means (22) and biasing means (24). <IMAGE>

IPC 1-7
E05F 3/10

IPC 8 full level
E05F 3/10 (2006.01); **E05D 7/08** (2006.01)

CPC (source: EP)
E05F 3/10 (2013.01); **E05F 3/106** (2013.01); **E05D 7/081** (2013.01); **E05Y 2900/132** (2013.01)

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)
EP 1255015 A2 20021106; GB 0111017 D0 20010627; GB 2381292 A 20030430

DOCDB simple family (application)
EP 02253136 A 20020503; GB 0111017 A 20010504