

Title (en)
PNEUMATICALLY OPERATED LOCK HAVING MANUAL OVERRIDE FEATURE

Publication
EP 0262959 A3 19881102 (EN)

Application
EP 87308681 A 19870930

Priority
US 91472386 A 19861002

Abstract (en)
[origin: EP0262959A2] An air lock (10) operated by a pneumatic retraction system includes a manual override feature in the event that the pneumatic system fails. The manual override is accessed through a key-operated cylinder lock (36) that rotates a pinion (40). The pinion (40) mates with rack teeth (42) journaled in a lock bolt (16) which mates with a bolt receiver (18) to close the lock. When the pinion (40) is rotated the bolt (16) is urged against a biasing spring (26) lifting it out of the bolt receiver (18) thus opening the lock.

IPC 1-7
E05B 51/02

IPC 8 full level
E05B 51/02 (2006.01)

CPC (source: EP)
E05B 51/02 (2013.01)

Citation (search report)
• [X] DE 371511 C 19230316 - KARL REIMERS, et al
• [Y] US 2179495 A 19391114 - COURT ALVA B, et al
• [A] US 3950018 A 19760413 - PICKERING JOHN J

Cited by
US5040390A; GB2325489A; ES2151813A1; GB2325489B

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

DOCDB simple family (publication)
EP 0262959 A2 19880406; EP 0262959 A3 19881102

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