

Title (en)
Automatic door lock

Title (de)
Automatisches Türschloss

Title (fr)
Serrure automatique pour portes

Publication
EP 0976899 A1 20000202 (EN)

Application
EP 99304608 A 19990614

Priority
GB 9814262 A 19980702

Abstract (en)
An automatic inactive door lock (10) for the inactive door of a pair of doors, the active door of which is fitted with an automatic anti-panic lock (2) comprising a latch bolt and a deadbolt is described. The inactive door lock (10) comprises a housing (8); a first bolt (144) arranged within the housing (8) to drive the latch bolt of the anti-panic lock (2); a second bolt (146) arranged within the housing (8) to drive the deadbolt of the anti-panic lock (2); means (88) arranged within the housing (8) attachable to an upper rod (90) to drive the upper rod (90) between a first, normal or locking, position in which the rod (90) extends from the top face of the inactive door and a second, unlocking position in which the rod (90) is within the inactive door; the upper rod (90) being driveable from the first position to the second position on closing of the inactive door; means (96) arranged within the housing (8) attachable to a lower rod (98) to drive the lower rod (98) between a first, normal or locking, position in which the rod (98) extends from the lower face of the inactive door and a second, unlocking position in which the rod (98) is within the inactive door; operating means arranged within the housing (8) operable by an operator to unlock the door by retracting the upper and lower rods (90,98) retaining means (124,38) arranged to hold the lower rod (98) in the retracted position within the door when the operating means is released by the operator and retaining means (114) arranged to hold the upper rod (90) in the extended position when the inactive door is open and the operating means is released by the operator. The retaining means (114) arranged to hold the upper rod (90) in the extended position when the inactive door is open is located within the housing (8). <IMAGE>

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CPC (source: EP)
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Citation (search report)
• [A] EP 0688931 A1 19951227 - BKS GMBH [DE]
• [A] DE 2914372 A1 19801030 - SCOVILL SICHERHEITSEINRICHTUNG

Cited by
ITBO20090047A1; EP3018274A1

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