

Title (en)
DOOR LOCK DRIVE ASSEMBLY

Title (de)
TÜRVERSCHLUSS-ANTRIEBSVORRICHTUNG

Title (fr)
BLOC DE COMMANDE DE SERRURE DE PORTE

Publication
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Application
EP 11775240 A 20110426

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Abstract (en)
[origin: EP2565352A2] In a door lock drive assembly, an inner door handle shaft and an outer door handle shaft are selectively bound in accordance with an authentication signal or an action of a key, and can retain the strong binding force even when a strong torque is transmitted to the handle shafts. The door lock drive assembly includes: a shaft connection unit that is provided with a pushing member configured to selectively connect a first handle shaft and a second handle shaft in such a manner that the first handle shaft and the second handle shaft are connected with or disconnected from each other; a slide unit that is provided with a pressing unit which is vertically movable to press the pushing member; and a mechanical driving unit that is formed with a keyway and vertically moves the pressing unit of the slide unit when a key is inserted into the keyway and rotated.

IPC 8 full level
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Citation (search report)

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Designated contracting state (EPC)
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EP 2565352 A2 20130306; EP 2565352 A4 20171227; AU 2011245881 A1 20121129; AU 2011245881 B2 20160526;
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EP 11775240 A 20110426; AU 2011245881 A 20110426; CN 201180025666 A 20110426; KR 2011003018 W 20110426