

Title (en)
Central lock mechanism

Title (de)
Zentralverriegelungsvorrichtung

Title (fr)
Dispositif de verrouillage central

Publication
EP 1254820 A3 20040204 (EN)

Application
EP 02291115 A 20020503

Priority
US 28883801 P 20010504

Abstract (en)
[origin: EP1254820A2] A lock mechanism enabling locking of a bi-parting set of right hand and left hand door panels respectively suspended from a right hand and left hand door operators, to be driven by the door operators for covering and uncovering an aperture disposed within a passenger transit vehicle. Such lock mechanism disposed intermediate the door operators. The lock mechanism is capable of operating in a pushback and non pushback arrangement providing a fully-locked state, for each of the two bi-parting doors of a passenger transit vehicle. The integrated design allows the central lock mechanism to be installed and/or maintained over a doorway with only minimal adjustments needed to assure that the door lock assemblies operate in unison. As compared to separate door lock assemblies for each door panel as is typical of prior art designs, the central lock mechanism enables the door panels to be closed and locked more reliably and with better sealing against weather and noise. <IMAGE>

IPC 1-7
B61D 19/00; **E05B 65/08**; **E05F 15/06**; **B61D 19/02**; **E05F 15/14**

IPC 8 full level
B61D 19/02 (2006.01); **E05B 65/08** (2006.01); **E05F 15/14** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP US)
B61D 19/00 (2013.01 - US); **B61D 19/02** (2013.01 - EP); **E05B 47/0012** (2013.01 - EP US); **E05B 65/0829** (2013.01 - EP US); **E05B 83/363** (2013.01 - EP); **E05F 15/632** (2015.01 - EP US); **E05F 15/652** (2015.01 - EP US); **E05B 47/0005** (2013.01 - EP); **E05B 2047/0024** (2013.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/246** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2201/462** (2013.01 - EP); **E05Y 2201/64** (2013.01 - EP); **E05Y 2800/00** (2013.01 - EP); **E05Y 2800/25** (2013.01 - EP US); **E05Y 2900/51** (2013.01 - EP US)

Citation (search report)
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• [A] US 5755060 A 19980526 - ZWEILI MARC [CA]
• [A] EP 0978612 A2 20000209 - AGTA RECORD AG [CH]
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