

Title (en)  
LATCH ARRANGEMENT

Title (de)  
VERRIEGELUNGSEINRICHTUNG

Title (fr)  
DISPOSITIF DE VERROUILLAGE

Publication  
**EP 4198226 A1 20230621 (EN)**

Application  
**EP 21214808 A 20211215**

Priority  
EP 21214808 A 20211215

Abstract (en)  
The present disclosure relates to a latch arrangement (1) for a door (100). The latch arrangement (1) comprises: a first latch element (2) adapted to be arranged to a first door element (100); a second latch element (3) adapted to be arranged to a second door element (110) and adapted, when arranged thereto, to be moveable relative the second door element (110) between a first position (P1) where it is able to disengage from the first latch element (2), and a second position (P2) where it retains the first latch element (2) in a locked position, wherein the second latch element (3) comprises a slot (32) for receiving an engaging portion (21) of the first latch element (2), which slot (32) is adapted in size and shape to guide the engaging portion (21) into a retaining space (31) of the second latch element (3) as the second latch element (3) moves toward the second position (P2); the second latch element (3) is adapted to displace the first latch element (2) as the second latch element (3) moves from the first position (P1) to the second position (P2) so that the first door element and the second door element are pressed toward each other, and the second latch element (3) is adapted to move between the first position (P1) and the second position (P2) by means of a translational motion.

IPC 8 full level  
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Citation (applicant)  
US 2011227351 A1 20110922 - GROSDEMOUGE THIBAUT BERNARD PAUL [GB]

Citation (search report)  
• [XY] US 9644396 B2 20170509 - GROW ROGER H [US], et al  
• [XY] EP 2924209 B1 20170524 - VKR HOLDING AS [DK]  
• [XY] EP 1475501 A2 20041110 - SCHUECO INT KG [DE]  
• [XY] NL 2007787 C2 20130516 - STENMAN HOLLAND NV  
• [Y] EP 0152791 A2 19850828 - SIEGENIA FRANK KG [DE]  
• [Y] FR 3029233 A1 20160603 - SAINT-GOBAIN SEVA [FR]  
• [Y] EP 2877657 B1 20170517 - SCHMERSAL K A HOLDING GMBH & CO KG [DE]

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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