

Title (en)  
HIDDEN UPLIFTING FRAME WITH LOCKING MECHANISM

Title (de)  
VERSTECKTER HEBERAHMEN MIT VERRIEGELUNGSMECHANISMUS

Title (fr)  
CADRE DE SOULÈVEMENT CACHÉ AVEC MÉCANISME DE VERROUILLAGE

Publication  
**EP 3568548 A1 20191120 (EN)**

Application  
**EP 17832979 A 20171221**

Priority

- GR 20170100014 A 20170113
- GR 2017000071 W 20171221

Abstract (en)  
[origin: WO2018130861A1] The invention belongs to the field of mechanical sliding frames and refers to a locking mechanism (1) using three gears, the handle gear (17), the connecting gear (18) and the locking gear (19). The gears are spaced apart and are surrounded by a chain (20), the rotary movement of the handle (4) enters the mechanism (1) from the handle gear shaft (9). The chain (20) conveys the motion to the connection gear (18), the movement exits through an output shaft (23) to the frame uplifting mechanism (21) located inside the vertical side profile (2) of the sash (3). When the sash is closed, the handle gear (17) is located in part B of the mechanism (1) which remains outside the walls, while the connecting gear (18) is located in part A of the mechanism that enters the walls along with the vertical a side profile (2) of the sash (3) and the lifting/lowering mechanism of the frame.

IPC 8 full level  
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CPC (source: EP GR)  
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Citation (search report)  
See references of WO 2018130861A1

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