

Title (en)

Mechanical latch unit for a main drive unit

Title (de)

Mechanische Riegeleinheit für eine Hauptantriebseinheit

Title (fr)

Unité de verrouillage mécanique pour unité de commande principale

Publication

EP 2246870 B1 20110928 (EN)

Application

EP 09005973 A 20090430

Priority

EP 09005973 A 20090430

Abstract (en)

[origin: EP2246870A1] The invention is related to a mechanical latch unit (1) for a main drive (120) unit with a permanently coupled four bar latch mechanism within a housing (9), - with a first link (20) with a base end connected with the housing (9) via a first joint (25) and with a top end connected with the first end of a second link (40) via a second joint (35), - with a third joint (45) to connect the second end of the second link (40) with the second end of a third link (50), - whereby the first end of the third link (50) interconnects with a trip unit and a pivot centre of the third link (50) is connected with the housing (9) via a fourth joint (55), - whereby the second joint (35), the third joint (45) and the fourth joint (55) approximately are lying in one line and - whereby the load (F) of the traction link (121) of the main drive unit (120) is applied to the top end of the first link (20) next to the second joint (35) with defined deviation (d1) rectangular to this line in direction to the first joint (25).

IPC 8 full level

H01H 71/50 (2006.01)

CPC (source: EP KR)

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