

Title (en)
WINDOW RAISING DRIVE UNIT

Publication
EP 0360912 B1 19920422 (DE)

Application
EP 88116227 A 19880930

Priority
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Abstract (en)
[origin: EP0360912A1] So that, whilst ensuring a simple construction suitable for robot installation, the outlay in terms of constructional parts both for rope-type window lifters and for the drives of arm-type or scissor- type window lifters can be reduced, according to the invention the driving disc (4) mounted rotatably on an axle (21) of the gear housing (2) and connected rotatably via a damping insert (5) to the worm wheel (3) of a reduction gear following an electric drive motor (1) is equipped, at its free end, with a shaft collar (41) with external locking means (serration 44) for the positive rotary take-up both of a rope disc (7) of a rope-type window lifter, attachable axially from the free end of the axle (21), and of a drive pinion (8) of an arm- type or scissor-type window lifter with internal locking means (71 or 81) of the rope disc (7) or drive pinion (8) corresponding to the external locking means (serration 44) of the shaft collar (41); the same motor/stroke gear drive unit can thereby be used both for rope- type and for arm-type and for scissor-type window lifters. <IMAGE>

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E05F 15/16

IPC 8 full level
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Cited by
FR2663672A1; EP0563583A1; EP0403284A1; FR2678033A1; DE4323008A1

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