

Title (en)
EFFORT-LIMITING REDUCER FOR THE LIFTING GEAR OF A SELF-LIFTING PLATFORM

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EP 0052065 A3 19830810 (FR)

Application
EP 81430039 A 19811102

Priority
FR 8024386 A 19801110

Abstract (en)
[origin: US4480491A] A force limiting gear reducer for a lifting pinion of self-elevating platform, comprising a gear reducer divided in two parts, a first of said parts being directly connected to a pinion shaft and pinion support and a second said part comprising a shaft-mounted prime reducer with brake and motor connected to an input shaft of the first reducer, a reaction arm of the shaft-mounted prime reducer being connected to a fixed point of a jacking mechanism by means of at least one hydraulic cylinder, means to control the oil pressure in the hydraulic cylinder, and abutments limiting the stroke of the hydraulic cylinder.

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E02B 17/08; F16H 57/02

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Citation (search report)
• [A] NL 7709951 A 19790313 - VEROLME MASCHF ENGINEERING COM
• [A] NL 7804479 A 19791030 - VEROLME MASCHF ENGINEERING COM
• [A] US 3986368 A 19761019 - LEVINGSTON CLARENCE W
• [A] FR 1305474 A 19621005
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