

Title (en)
IMPROVEMENTS IN MOTOR-VEHICLE PLATFORM LIFTS

Publication
EP 0064958 A3 19850109 (EN)

Application
EP 82830124 A 19820510

Priority
IT 2164281 A 19810512

Abstract (en)
[origin: EP0064958A2] A motor vehicle platform lift is provided of the four-column type. The lift comprises four hydraulic lifting cylinders (2) each arranged in correspondence with a respective column of the lift, and four hydraulic pumps (6), each connected to a respective one of the cylinders (2) via a respective pipeline (10). Each of the pipelines (10) includes a respective non-return valve (14) operative to permit the passage of fluid from the corresponding pump (6) to its associated cylinder (2) whereby to provide for elevation of the platform lift and its maintenance at a desired height. The lift also includes control means (19) for neutralising the operation of the non-return valves (14) so as to permit lowering of the lift by allowing the return flow of fluid from the cylinders (2). In order to ensure that all four cylinders (2) operate in synchronism both during elevation and lowering of the platform lift, the drive shaft (6a) of the pumps (6) are made fast for rotation with each other.

IPC 1-7
B66F 7/20

IPC 8 full level
B66F 7/20 (2006.01)

CPC (source: EP)
B66F 7/20 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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EP 0064958 A2 19821117; EP 0064958 A3 19850109; AU 8360382 A 19821118; IT 1137390 B 19860910; IT 8121642 A0 19810512

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