

Title (en)

Wheelchair passenger lift apparatus for transit stations.

Title (de)

Hebevorrichtung für Rollstuhlfahrer an Haltestellen.

Title (fr)

Ascenseur pour chaises roulantes aux stations d'arrêt.

Publication

EP 0236600 A1 19870916 (EN)

Application

EP 86300989 A 19860213

Priority

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Abstract (en)

A curbside lift apparatus for transferring wheelchair passengers to and from trains and public transit vehicles using existing pedestrian passenger entryways. Free-standing base wall structures (22,24) support parallel guide tracks (26) inclined toward the transit vehicle, such that a passenger lift car (12) guided by such tracks (20) and carried by chain (64) and sprocket elevator means (60,62) between the wall structures (22,24) advances toward and retracts from the passenger vehicle in being raised and lowered, thereby shortening the crossover distance between vehicle passenger deck (D) and lift car (12) spanned by a hinged bridge (10) on the lift car (12) lowered to the deck (D). Simplified, enclosed, vandal-resistant construction of the mechanical apparatus and an automatic sequencing control system for the same accessible only to an authorized attendant assure prompt, safe operation of the apparatus under various contingencies.

IPC 1-7

A61G 5/00; **B66B 9/08**

IPC 8 full level

A61G 3/06 (2006.01); **B66F 7/02** (2006.01)

CPC (source: EP)

A61G 3/063 (2013.01); **B66F 7/02** (2013.01)

Citation (search report)

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