

Title (en)  
Parking structure.

Title (de)  
Parkhausgefüge.

Title (fr)  
Structure de garage.

Publication  
**EP 0331291 A1 19890906 (EN)**

Application  
**EP 89301042 A 19890203**

Priority  
• CA 558013 A 19880203  
• CA 589944 A 19890202

Abstract (en)  
A multi-level storage or parking structure. Modular construction of the facility and its components offers portability. Vehicle (18) delivery and pickup is achieved with a telescoping type drive and a shuttle slave mechanism used on a bi-directional shuttle. Hydraulic elevator operation allows the use of a single hydraulic drive unit to operate more than one skip (13) or elevator which may include more than one vehicle on each elevator (13). Flexible fingers (61, 62) are mounted on the shuttle (22) to retain the vehicle (18) during delivery and retrieval and vehicle (18) storage and retrieval is automatically accomplished.

IPC 1-7  
**E04H 6/24**

IPC 8 full level  
**E04H 6/18** (2006.01)

CPC (source: EP)  
**E04H 6/186** (2013.01)

Citation (search report)  
• [X] US 2901129 A 19590825 - SANDERS LEON D  
• [X] US 2899087 A 19590811  
• [A] FR 1127134 A 19561210 - ALSETEX  
• [A] FR 1291812 A 19620427  
• [A] DE 1000987 C

Cited by  
NL1001041C2; GB2234743A; GB2234743B; WO2018076527A1; WO2007038935A1; US10612260B2

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0331291 A1 19890906; EP 0331291 B1 19920415; DE 68901202 D1 19920521**

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