

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

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