

Title (en)
Store crane.

Title (de)
Lagerkran.

Title (fr)
Grue gerbeuse.

Publication
EP 0633217 A2 19950111 (EN)

Application
EP 94850102 A 19940614

Priority
SE 9302047 A 19930614

Abstract (en)
A stores crane for internal materials handling comprising a load carrier (16) so arranged as to run along guides (22) on a vertical crane mast (12) and a lifting device (18) for the load carrier arranged for displacement of the load carrier along the mast. A fall brake (26) is attached to the load carrier for the purpose, in the event of a fault in the lifting device, of preventing the load carrier from falling downwards through engagement with the guides. A detector device (27) is so arranged as to sense the movement of the load carrier and, in the event of deviation from set values, to actuate the fall brake. This exhibits a brake housing (30) with a moving wedge-shaped brake body (33), which is capable of moving against one of the guides (22) and along a support surface (45) angled against the guide in the brake housing. The movement is controlled so as to take place between a first, non-braking position and a second, braking position in which the brake body is in contact under the effect of the wedge with both the guide (22) and the support surface (45). <IMAGE>

IPC 1-7
B66F 9/07

IPC 8 full level
B66F 9/07 (2006.01)

CPC (source: EP)
B66F 9/07 (2013.01)

Cited by
EP2666743A1; EP0683132A3; EP1942071A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0633217 A2 19950111; EP 0633217 A3 19950705; SE 9302047 D0 19930614; SE 9302047 L 19941215

DOCDB simple family (application)
EP 94850102 A 19940614; SE 9302047 A 19930614