

Title (en)
Building hoist, particularly scaffolding hoist.

Title (de)
Bauaufzug, insbesondere Gerüstaufzug.

Title (fr)
Elévateur pour constructions, en particulier pour échafaudages.

Publication
EP 0503149 B1 19950510 (DE)

Application
EP 91121216 A 19911211

Priority
DE 4105015 A 19910219

Abstract (en)
[origin: EP0503149A1] The building hoist has a basic frame (1) which can be supported on the ground, a multipart vertical guide mast (2) which can be connected to the frame, and a lifting carriage (3) which is vertically movable on the mast and is provided with hanging means on its front side which faces away from the guide mast. Two conveying baskets (4, 4') can be hung alternately on the same lifting carriage (3). For this purpose, on the basic frame (1) on both sides of the guide mast (2) and at a distance from the latter, a horizontal support arm (8, 8') for each conveying basket is mounted pivotably by approximately 90 DEG about a vertical pivot axis (9, 9') in such a manner that its free end (8a, 8'a) is situated in a first pivoting position in front of the lifting carriage (3) and in the second pivoting position at the side of the same. Fastened to each support arm (8, 8') close to its pivot axis (9, 9') is a vertical holding support (10, 10') which, in the first pivoting position, is arranged at the side of the lifting carriage. Arranged on the longitudinal side of each conveying basket (4, 4') facing towards the lifting carriage (3) is a holding bracket (11, 11') which interacts with the associated holding support (10, 10') and, on the underside of each conveying basket, a centring piece (12, 12') which can be saddled onto the free end (8a, 8'a) of the associated support arm. <IMAGE>

IPC 1-7
B66B 9/187

IPC 8 full level
B66B 9/187 (2006.01)

CPC (source: EP)
B66B 9/187 (2013.01)

Cited by
CN103523653A; CN117486040A

Designated contracting state (EPC)
AT BE ES FR IT NL

DOCDB simple family (publication)
EP 0503149 A1 19920916; EP 0503149 B1 19950510; AT E122320 T1 19950515; DE 4105015 C1 19920625; ES 2074641 T3 19950916

DOCDB simple family (application)
EP 91121216 A 19911211; AT 91121216 T 19911211; DE 4105015 A 19910219; ES 91121216 T 19911211