

Title (en)

Device for storing and retrieving articles, in particular in a warehouse with storage racks

Title (de)

Vorrichtung zum Aus- oder Einlagern von Stückgut, insbesondere in einen Hochregallager

Title (fr)

Dispositif pour stocker et déstocker des articles, en particulier dans un magasin à rayonnages

Publication

EP 0801024 B1 20030910 (DE)

Application

EP 97250114 A 19970410

Priority

DE 19615999 A 19960410

Abstract (en)

[origin: EP0801024A2] The device allows cartons to be fed to and from the warehouse storage locations via a lifting device with a load platform (1) and a telescopic device (3) with a frame (5) supporting a number of telescopic sections and pivoted grippers (4). The carrier frame has a drive (13) for direct displacement of an upper table (6) via a pair of tension elements (15,17) passed around pulley wheels (16a) and indirect displacement of a middle table (7) via further tension elements (18a,18b;23a,23b). A lower table has pairs of rollers displaced along guide rails attached to the middle table.

IPC 1-7

B66F 9/14

IPC 8 full level

B66F 9/14 (2006.01)

CPC (source: EP)

B66F 9/141 (2013.01)

Cited by

CN104724493A; AT519098A4; AT519098B1; AT519089A4; AT519089B1; US7128521B2; US6923612B2

Designated contracting state (EPC)

AT DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0801024 A2 19971015; EP 0801024 A3 19990113; EP 0801024 B1 20030910; AT E249394 T1 20030915; DE 19615999 C1 19971120; DE 59710706 D1 20031016; ES 2207706 T3 20040601

DOCDB simple family (application)

EP 97250114 A 19970410; AT 97250114 T 19970410; DE 19615999 A 19960410; DE 59710706 T 19970410; ES 97250114 T 19970410