

Title (en)
Turning device

Title (de)
Wendevorrichtung

Title (fr)
Dispositif de retournement

Publication
EP 1225139 A8 20020911 (DE)

Application
EP 02450009 A 20020118

Priority
AT 982001 A 20010119

Abstract (en)
[origin: EP1225139A1] A turning unit (1) fits on a frame (60) adjusted for height in contrast to a stay (80). A cylinder-piston system and tooth-wheel gearing operates a height adjusting device (62). Between the height adjusting device and the frame there is a lifting rod (61). The turning unit has a rotating element (5) for detecting the face side of a unit load (3) to be turned and fits partly on the side of a carrying device. An Independent claim is also included for a method for turning over a longish unit load.

IPC 1-7
B65G 47/252; **B65G 47/90**

IPC 8 full level
B65G 47/252 (2006.01); **B65G 47/90** (2006.01)

CPC (source: EP)
B65G 47/252 (2013.01); **B65G 47/902** (2013.01)

Cited by
EP1975095A1; CN110422599A; CN108265989A; CN110329614A; CN111717676A; CN108438869A; CN104843469A; CN108907864A; CN108002022A; CN113928834A; CN107176451A; CN109515834A; CN104528378A; CN105270865A; CN114772150A; CN103787058A; CN107010398A; CN110193847A; CN116331797A; CN101786511A; CN107814118A; CN108044575A; US8133001B2; WO2008023010A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1225139 A1 20020724; **EP 1225139 A8 20020911**; **EP 1225139 B1 20060201**; AT 410539 B 20030526; AT A982001 A 20021015; AT E316924 T1 20060215; DE 50205748 D1 20060413

DOCDB simple family (application)
EP 02450009 A 20020118; AT 02450009 T 20020118; AT 982001 A 20010119; DE 50205748 T 20020118