

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