

Title (en)  
REEL LOADING AND UNLOADING APPARATUS

Title (de)  
BE- UND ENTLADEGERÄT FÜR ROLLEN

Title (fr)  
APPAREIL DE CHARGEMENT ET DE DECHARGEMENT DE BOBINE

Publication  
**EP 1165419 A1 20020102 (EN)**

Application  
**EP 99949235 A 19991014**

Priority  
• GB 9903413 W 19991014  
• GB 9907690 A 19990401

Abstract (en)  
[origin: GB2334022A] A loading and unloading apparatus 1 for transporting reels 20, 21, 22 to and from a point-of-use, comprising a turntable 31 rotatable in the horizontal plane and located remote from the point-of-use, and means extending between the turntable and point-of-use and arranged to transfer reels to and from the point-of-use from and to the turntable 31, wherein the reel transfer means comprises support rails 40, 41 and/or wheels or rollers, with each reel 20, 21, 22 being movable therealong in the direction of its rotational axis.

IPC 1-7  
**B65H 19/12**

IPC 8 full level  
**B65H 19/12** (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP)  
**B65H 19/126** (2013.01); **B65H 19/30** (2013.01); **B65H 2405/422** (2013.01)

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

DOCDB simple family (publication)  
**WO 0059817 A1 20001012**; AT E240252 T1 20030515; AU 6220999 A 20001023; CA 2367564 A1 20001012; DE 69907974 D1 20030618; EP 1165419 A1 20020102; EP 1165419 B1 20030514; GB 2334022 A 19990811; GB 2334022 B 20000126; GB 9907690 D0 19990526; JP 2002541038 A 20021203

DOCDB simple family (application)  
**GB 9903413 W 19991014**; AT 99949235 T 19991014; AU 6220999 A 19991014; CA 2367564 A 19991014; DE 69907974 T 19991014; EP 99949235 A 19991014; GB 9907690 A 19990401; JP 2000609339 A 19991014