

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 B1 20030514 (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