

Title (en)  
ROLL STORAGE SYSTEM

Title (de)  
ROLLENSPEICHER

Title (fr)  
RÉSERVE À TAMBOUR

Publication  
**EP 2459473 A1 20120606 (DE)**

Application  
**EP 10737267 A 20100708**

Priority  
• DE 102009026253 A 20090727  
• EP 2010004159 W 20100708

Abstract (en)  
[origin: US2011017766A1] A roller storage system (1) for sheet-type media has at least one film drum (5) driveable by a motor with at least one strip-type film (5) and at least one winding drum (4) with a central drive spindle (8) driveable by a motor, wherein the strip-type film (5) can be wound onto the winding drum (4), where the winding drum (4) is carried floating on the drive spindle (8).

IPC 8 full level  
**B65H 29/00** (2006.01); **G07D 11/00** (2006.01)

CPC (source: EP US)  
**B65H 29/006** (2013.01 - EP US); **G07D 11/12** (2018.12 - EP US); **B65H 2301/41912** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011012216A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**US 2011017766 A1 20110127; US 8297547 B2 20121030**; CN 102471003 A 20120523; CN 102471003 B 20150701;  
DE 102009026253 A1 20110203; EP 2459473 A1 20120606; EP 2459473 B1 20140521; ES 2488616 T3 20140828;  
WO 2011012216 A1 20110203

DOCDB simple family (application)  
**US 60391209 A 20091022**; CN 201080032962 A 20100708; DE 102009026253 A 20090727; EP 10737267 A 20100708;  
EP 2010004159 W 20100708; ES 10737267 T 20100708