

Title (en)
ROTARY DISC

Title (de)
ROTATIONSSCHEIBE

Title (fr)
DISQUE DE RÉVOLUTION

Publication
EP 2057392 A1 20090513 (DE)

Application
EP 07788273 A 20070807

Priority
• EP 2007058170 W 20070807
• DE 202006012973 U 20060823

Abstract (en)
[origin: DE202006012973U1] The device (10) is rotatable about a rotation axis (12) by a rotation angle with a number of peripheral teeth (20) and gaps (22), whereby the gaps are arranged symmetrically with respect to an axis of symmetry (30) and a rotation disk radius that depends on the rotation angle and defined mean radius. The tooth gap axis of symmetry is directed towards the local center of curvature of the periphery of the rotary disk. Independent claims are also included for the following: (A) a drive arrangement (B) and a loop transmission.

IPC 8 full level
F16H 55/30 (2006.01)

CPC (source: EP US)
F16H 9/24 (2013.01 - EP US); **F16H 55/084** (2013.01 - EP US); **F16H 35/02** (2013.01 - EP US); **F16H 55/17** (2013.01 - EP US);
F16H 55/30 (2013.01 - EP US); **F16H 2035/003** (2013.01 - EP US)

Citation (search report)
See references of WO 2008022912A1

Designated contracting state (EPC)
DE FR GB IT

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 202006012973 U1 20061019; EP 2057392 A1 20090513; US 2009253542 A1 20091008; WO 2008022912 A1 20080228

DOCDB simple family (application)
DE 202006012973 U 20060823; EP 07788273 A 20070807; EP 2007058170 W 20070807; US 37390007 A 20070807