

Title (en)  
Ball machine

Title (de)  
Kugelmaschine

Title (fr)  
Machine sphérique

Publication  
**EP 2169228 A1 20100331 (EN)**

Application  
**EP 08165093 A 20080925**

Priority  
EP 08165093 A 20080925

Abstract (en)  
The apparatus contains a spherical shell (1) with windows (2) and an open cavity (12), a disk (3) with four cavities (6) and drill holes for fingers (10) with two cylindrical projections (7), a driving semi-disk (4) with a shaft and an immobile support (11), a controlling semi-disk (5) with a shaft and a mobile support (13), each semi disk having two lugs (8) and a cylindrical mortise (9). A change of the volume in the working chambers takes place every 90°.

IPC 8 full level  
**F04C 9/00** (2006.01)

CPC (source: EP)  
**F04C 9/005** (2013.01)

Citation (applicant)  
• US 1880313 A 19321004 - FREDERICK CHARAVAY  
• US 1565521 A 19251215 - STONE STONE JOHN, et al

Citation (search report)  
• [X] EP 0431168 A1 19910612 - TSELEVOI NT KOOPERATIV STIMER [SU]  
• [X] JP S5620704 A 19810226 - SANYO ELECTRIC CO, et al  
• [X] DE 2619474 A1 19770203 - BIEDMA VAQUERO MANUEL  
• [AD] SU 1555521 A1 19900407 - LE I INZHENEROV ZHELEZNODOROZH [SU]

Cited by  
RU177873U1; RU2644600C1

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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