

Title (en)
COMPENSATING SHAFT

Title (de)
AUSGLEICHSWELLE

Title (fr)
ARBRE COMPENSATEUR

Publication
EP 1009938 A2 20000621 (DE)

Application
EP 99944262 A 19990703

Priority
• DE 9902029 W 19990703
• DE 19830051 A 19980704

Abstract (en)
[origin: DE19830051C1] The balancer (1) has pivots (2, 3) at both ends fixed in axially positioned bores (4). Two eccentrically shaped weights (5, 6) are positioned diagonally opposite each other alongside the rotation axis and within a cylindrical case (7). One of the pivots (2) is connected to the drive (8). The relation between the shape, the length, and the position of the weights facilitates optimal compensation of the forces acting on the moving parts of the reciprocating engine.

IPC 1-7
F16C 1/00

IPC 8 full level
F16F 15/26 (2006.01)

CPC (source: EP)
F16F 15/264 (2013.01)

Citation (search report)
See references of WO 0001955A2

Designated contracting state (EPC)
AT DE ES FR GB IT SE

DOCDB simple family (publication)
DE 29903372 U1 19990610; DE 19830051 C1 19991125; EP 1009938 A2 20000621; WO 0001955 A2 20000113; WO 0001955 A3 20000316

DOCDB simple family (application)
DE 29903372 U 19990225; DE 19830051 A 19980704; DE 9902029 W 19990703; EP 99944262 A 19990703