

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)

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