

Title (en)  
CYCLE CRANK

Title (de)  
FAHRRADKURBEL

Title (fr)  
PEDALIER DE BICYCLETTE

Publication  
**EP 1024995 A2 20000809 (EN)**

Application  
**EP 98951824 A 19981007**

Priority  
• NO 9800302 W 19981007  
• NO 975001 A 19971030

Abstract (en)  
[origin: WO9922981A1] A cycle crank comprises at least one chain wheel (1) which is rotatably mounted about a centre axis (2) and two pedal arms (3, 3') each of which is restrictedly rotatably mounted in the chain wheel in its eccentric rotating joint (6, 6'). Two spring devices (8, 8') are each attached in the chain wheel in its eccentric first spring attachment (11, 11'), and pulls the pedal arms towards the centre axis (2). The pedal arms (3, 3') can rotate between an inner position in which they are turned towards the centre axis (2) and an outer position in which they point substantially radially out from the centre axis. An angle ( $\alpha$ ) which is formed by a line between the first spring attachment (11, 11') and the centre axis (2) and a line between the centre axis and the rotating joint (6, 6') is between 30 DEG and 150 DEG .

IPC 1-7  
**B62M 3/04**; **B62M 1/02**; **B62M 1/10**

IPC 8 full level  
**B62M 1/02** (2006.01); **B62M 1/10** (2006.01); **B62M 1/36** (2013.01); **B62M 3/04** (2006.01)

CPC (source: EP KR)  
**B62M 1/10** (2013.01 - EP); **B62M 1/36** (2013.01 - EP); **B62M 3/02** (2013.01 - KR); **B62M 3/04** (2013.01 - EP); **B62M 2003/006** (2013.01 - EP)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9922981 A1 19990514**; AU 732911 B2 20010503; AU 9766798 A 19990524; CA 2307608 A1 19990514; CN 1279640 A 20010110; EP 1024995 A2 20000809; JP 2001521859 A 20011113; KR 20010024568 A 20010326; NO 304734 B1 19990208; NO 975001 A 19990208; NO 975001 D0 19971030

DOCDB simple family (application)  
**NO 9800302 W 19981007**; AU 9766798 A 19981007; CA 2307608 A 19981007; CN 98811328 A 19981007; EP 98951824 A 19981007; JP 2000518875 A 19981007; KR 20007004484 A 20000426; NO 975001 A 19971030