

Title (en)  
Piston for an internal combustion engine

Title (de)  
Kolben, insbesondere für eine Brennkraftmaschine

Title (fr)  
Piston pour un moteur à combustion interne

Publication  
**EP 1072782 B1 20041013 (DE)**

Application  
**EP 00114741 A 20000708**

Priority  
DE 19935410 A 19990730

Abstract (en)  
[origin: EP1072782A2] The piston(1) has lands(7) emanating from the piston pin bore(4) and formed on the outer face of the pistons. The lands extend in the direction of the piston ring zone(3) and/or in the direction of the piston skirt end furthest from the piston ring zone. The lands form a piston pin recess(9). An outer boss(5) is located at least partially around the piston pin bore and together with the lands and lower edge(8) of the piston ring zone form the recess.

IPC 1-7  
**F02F 3/00**; **F02F 3/02**

IPC 8 full level  
**F02F 3/00** (2006.01); **F02F 3/02** (2006.01)

CPC (source: EP)  
**F02F 3/025** (2013.01); **F02F 3/027** (2013.01)

Cited by  
CN103052787A; CN106555699A; WO2012017317A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 1072782 A2 20010131**; **EP 1072782 A3 20020102**; **EP 1072782 B1 20041013**; DE 19935410 A1 20010208; DE 50008196 D1 20041118; ES 2232357 T3 20050601; PL 341520 A1 20010212

DOCDB simple family (application)  
**EP 00114741 A 20000708**; DE 19935410 A 19990730; DE 50008196 T 20000708; ES 00114741 T 20000708; PL 34152000 A 20000718