

Title (en)

PISTON FOR AN INTERNAL-COMBUSTION ENGINE RUNNING ON HEAVY OIL

Publication

**EP 0086284 B1 19861015 (DE)**

Application

**EP 82201613 A 19821217**

Priority

DE 3205173 A 19820213

Abstract (en)

[origin: EP0086284A1] 1. A piston for internal combustion engines operated with heavy oil, which piston has a piston head consisting of ferrous material and having cavities for conducting cooling oil, characterized by the provision of blind holes (4, 9), which are provided in the skirt of the piston behind the ring-carrying portion (3), and of rods (5, 8) consisting of a material having a high thermal conductivity and inserted in respective ones of said blind holes for ensuring a controlled transfer of heat from the piston to those regions of the ring-carrying portion of the piston in which the temperature must be increased in order to prevent an occurrence of temperatures below the dew point temperature of sulfuric acid.

IPC 1-7

**F02F 3/18**

IPC 8 full level

**F02F 3/22** (2006.01); **F02F 3/18** (2006.01)

CPC (source: EP)

**F02F 3/18** (2013.01); **F05C 2201/0448** (2013.01)

Cited by

CN107980079A; FR2905145A1; DE102007050214A1; CN108025406A; EP0176430A1; FR2570439A1; CN102597472A; EP3267022A1; US10202936B2; WO2016164873A1; WO2011060004A1; DE102020213358A1; US8635943B2; US8899208B2; US10569325B2; WO2017032905A1; WO2018149632A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0086284 A1 19830824**; **EP 0086284 B1 19861015**; DE 3205173 A1 19830825; DE 3273824 D1 19861120; JP S58148250 A 19830903

DOCDB simple family (application)

**EP 82201613 A 19821217**; DE 3205173 A 19820213; DE 3273824 T 19821217; JP 1728483 A 19830204