

Title (en)
Oil pan for combustion engine

Title (de)
Ölwanne für eine Brennkraftmaschine

Title (fr)
Carter d'huile pour moteur à combustion

Publication
EP 1688595 A2 20060809 (DE)

Application
EP 06000784 A 20060114

Priority
DE 102005002891 A 20050121

Abstract (en)
The pan has a circular flange surface (2), where the pan is cast from a ferrous material. The pan is screwed under insertion of a seal to a crank case of an internal-combustion engine with the surface. Lateral splines (3) are provided in an area of the surface. Screwing surfaces (6a-6d) provided opposite to front sides (5a, 5b) of the pan are laterally projected by longitudinal sides (4a, 4b) that are adjacent to the front sides.

IPC 8 full level
F01M 11/00 (2006.01)

CPC (source: EP)
F01M 11/0004 (2013.01); **F01M 2011/0066** (2013.01)

Citation (applicant)
DE 4242513 A1 19940623 - OPEL ADAM AG [DE]

Cited by
CN110173322A; EP1852578A1; CN114555918A; US11702966B2; US11739668B2; WO2021115769A1; EP4033075A1; US11619151B2; EP2639140B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1688595 A2 20060809; EP 1688595 A3 20060816; EP 1688595 B1 20090617; AT E434119 T1 20090715; DE 102005002891 A1 20060727; DE 502006003961 D1 20090730

DOCDB simple family (application)
EP 06000784 A 20060114; AT 06000784 T 20060114; DE 102005002891 A 20050121; DE 502006003961 T 20060114