

Title (en)  
PUMP COMBINATION

Title (de)  
PUMPENKOMBINATION

Title (fr)  
ENSEMBLE DE POMPES

Publication  
**EP 1597459 A1 20051123 (DE)**

Application  
**EP 04710336 A 20040212**

Priority  
• DE 2004000250 W 20040212  
• DE 10306164 A 20030214

Abstract (en)  
[origin: US2006213477A1] The invention relates to a pump combination comprising a first pump and at least one second pump.

IPC 1-7  
**F01M 1/02; F02B 77/14; F04C 11/00**

IPC 8 full level  
**F04C 11/00** (2006.01)

CPC (source: EP US)  
**F04C 11/001** (2013.01 - EP US)

Cited by  
DE102016210821B4

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

DOCDB simple family (publication)  
**WO 2004072444 A1 20040826**; AT E382778 T1 20080115; DE 502004005825 D1 20080214; EP 1597459 A1 20051123;  
EP 1597459 B1 20080102; JP 2006517634 A 20060727; US 2006213477 A1 20060928

DOCDB simple family (application)  
**DE 2004000250 W 20040212**; AT 04710336 T 20040212; DE 502004005825 T 20040212; EP 04710336 A 20040212;  
JP 2006501496 A 20040212; US 54546004 A 20040212