

Title (en)
PUMP HOUSING PART

Title (de)
PUMPENGEHÄUSETAIL

Title (fr)
PIECE DE CARTER DE POMPE

Publication
EP 1891330 B1 20090107 (DE)

Application
EP 06725514 A 20060403

Priority
• EP 2006061268 W 20060403
• DE 102005024708 A 20050530

Abstract (en)
[origin: US2008193306A1] The invention relates to a housing part, in particular a pump housing part, having a metering unit fastened in a pressure-tight manner to the housing part so as to be detachable, that is to say separable repeatedly without destruction. In order to optimize the fastening of the functional part, a collar is provided on the housing part, the collar having a tapered collar face against which a first tapered face of at least one tapered element bears, the tapered element having a second tapered face with which a tapered ring face of a tapered ring comes into contact when the tapered ring is moved from an open position into a closed position in order to press a positively locking face of the tapered element against a mating face which is provided on the functional unit.

IPC 8 full level
F04B 53/22 (2006.01)

CPC (source: EP US)
F04B 1/145 (2013.01 - EP US); **F04B 1/2064** (2013.01 - EP US); **F04B 53/22** (2013.01 - EP US)

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)
US 2008193306 A1 20080814; AT E420291 T1 20090115; DE 102005024708 A1 20061207; DE 502006002593 D1 20090226; EP 1891330 A1 20080227; EP 1891330 B1 20090107; JP 2008542611 A 20081127; WO 2006128750 A1 20061207

DOCDB simple family (application)
US 91203406 A 20060403; AT 06725514 T 20060403; DE 102005024708 A 20050530; DE 502006002593 T 20060403; EP 06725514 A 20060403; EP 2006061268 W 20060403; JP 2008514042 A 20060403