

Title (en)  
LOCKING BLOCK

Title (de)  
SPERRBLOCK

Title (fr)  
ELEMENT DE BLOCAGE

Publication  
**EP 1339988 A1 20030903 (DE)**

Application  
**EP 01969276 A 20010907**

Priority  
• DE 0103441 W 20010907  
• DE 10061208 A 20001208

Abstract (en)  
[origin: WO0246622A1] The invention relates to a locking block (1) for controlling a hydraulic consumer. A main piston (16) which is configured with an advanced opening can be lifted from a valve seat (26) in a return function, by means of an opening piston (68). A pressure chamber (76) which is delimited by the main piston on one side and by the opening piston on the other side is connected to a tank channel or low-pressure channel (8) for both the return function and the non-return function of the locking block, so that the changeover from the return function to the non-return function and vice-versa can take place very quickly.

IPC 1-7  
**F15B 13/01**

IPC 8 full level  
**F15B 13/01** (2006.01)

CPC (source: EP US)  
**F15B 13/015** (2013.01 - EP US); **Y10T 137/87241** (2015.04 - EP US); **Y10T 137/87893** (2015.04 - EP US)

Citation (search report)  
See references of WO 0246622A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0246622 A1 20020613**; CA 2427290 A1 20020613; DE 10061208 A1 20020613; EP 1339988 A1 20030903; US 2003167915 A1 20030911; US 6904938 B2 20050614

DOCDB simple family (application)  
**DE 0103441 W 20010907**; CA 2427290 A 20010907; DE 10061208 A 20001208; EP 01969276 A 20010907; US 38197903 A 20030430