

Title (en)
WHEELED EXCAVATOR

Title (de)
RADBAGGER

Title (fr)
EXCAVATEUR A ROUES

Publication
EP 1370732 A1 20031217 (DE)

Application
EP 02712939 A 20020308

Priority
• DE 10113340 A 20010320
• EP 0202557 W 20020308

Abstract (en)
[origin: WO02075060A1] The invention relates to a wheeled excavator comprising a lower chassis with an undercarriage, which has a front axle and a rear axle, and comprising an upper chassis that is arranged on the lower chassis. A blade is mounted on the end of the frame of the lower chassis, said end being located on the same side as the front axle. The lower chassis has an articulated frame steering with a front lower chassis part that accommodates the front axle and with a rear lower chassis part that accommodates the rear axle. The design of the wheeled excavator should be improved in order to be able to significantly improve its stability without impairing maneuverability. To this end, the pivotal point (4) of the articulated frame steering is located distinctly closer to the front axle (5) than to the rear axle (7), and the upper chassis including the prime mover is arranged on the rear lower chassis part (3) that is distinctly longer than the front lower chassis part (2).

IPC 1-7
E02F 9/08

IPC 8 full level
E02F 9/08 (2006.01)

CPC (source: EP)
E02F 9/0841 (2013.01)

Citation (search report)
See references of WO 02075060A1

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 02075060 A1 20020926; AT E278071 T1 20041015; DE 10113340 A1 20021010; DE 50201161 D1 20041104; EP 1370732 A1 20031217; EP 1370732 B1 20040929; ES 2224055 T3 20050301

DOCDB simple family (application)
EP 0202557 W 20020308; AT 02712939 T 20020308; DE 10113340 A 20010320; DE 50201161 T 20020308; EP 02712939 A 20020308; ES 02712939 T 20020308