

Title (en)

Mobile apparatus for crushing stones or the like

Title (de)

Mobile Vorrichtung zum Zerkleinern von Steinen oder dergleichen

Title (fr)

Dispositif mobile de broyage des pierres et similaires

Publication

EP 1001093 A1 20000517 (DE)

Application

EP 99122417 A 19991110

Priority

DE 19852583 A 19981114

Abstract (en)

The arrangement (10) for reducing sizes of stones, etc. has an associated rapid replacement device (16) for mounting on and removal from an excavator or loader. The arrangement can be driven from a hydraulic system on the excavator or loader or can have a separate drive mechanism that can be controlled from the excavator or loader.

Abstract (de)

Mobile Vorrichtung (10) zum Zerkleinern von Steinen oder dergleichen, die an einen Bagger oder Lader montiert werden kann. <IMAGE>

IPC 1-7

E02F 3/96; **E21C 37/00**; **E02F 3/40**

IPC 8 full level

E02F 3/40 (2006.01); **E02F 3/96** (2006.01); **E21C 37/00** (2006.01)

CPC (source: EP)

E02F 3/407 (2013.01); **E02F 7/06** (2013.01); **E21C 37/00** (2013.01)

Citation (search report)

- [X] US 5619811 A 19970415 - YRJOELAE MIKKO [FI]
- [X] US 5592761 A 19970114 - WARD ARTHUR A [US]
- [X] US 5379534 A 19950110 - NEGISHI JINICHIRO [JP]
- [X] US 5485689 A 19960123 - JONNINEN MARKKU [FI]
- [X] WO 9424376 A1 19941027 - SVEGEFO AB [SE], et al
- [X] WO 9118152 A1 19911128 - NYBERG RISTO [FI]
- [PXA] DE 19727549 A1 19990204 - WIRTGEN GMBH [DE]
- [A] FR 2233448 A1 19750110 - POCLAIN SA [FR]
- [A] DE 1756180 A1 19700312 - SCHUMANN WALTER
- [A] US 4803789 A 19890214 - HACKMACK ALFRED [DE]
- [A] US 4005755 A 19770201 - BAKKE EVEN A, et al

Cited by

CN107574853A; US8117771B2; US9199243B2; WO2008047190A3; WO2010088889A3

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