

Title (en)  
OPERATING MACHINE AND METHOD TO MAKE IT WORK SAFELY

Title (de)  
ARBEITSMASCHINE UND VERFAHREN ZUR SICHEREN ARBEIT DAVON

Title (fr)  
MACHINE D'EXPLOITATION ET PROCÉDÉ POUR LE FAIRE FONCTIONNER EN TOUTE SÉCURITÉ

Publication  
**EP 4273363 A1 20231108 (EN)**

Application  
**EP 23171787 A 20230505**

Priority  
IT 202200009161 A 20220505

Abstract (en)  
Operating machine (10) and method to make it work safely, wherein the operating machine (10), which comprises an acquisition unit to acquire a maximum pressure value applicable on a ground (S) as a function of the characteristics of the latter, a detection unit to operationally detect the current dynamic work configuration of the operating machine (10) and to know the overall force effectively applied to the ground (S), and a processing unit to calculate the instantaneous ground pressure of the operating machine (10), corresponding to the overall force.

IPC 8 full level  
**E21B 7/02** (2006.01); **B66C 23/88** (2006.01); **E02D 7/00** (2006.01); **E02F 9/26** (2006.01)

CPC (source: EP)  
**B66C 13/16** (2013.01); **B66C 23/88** (2013.01); **E02D 7/22** (2013.01); **E02F 9/2033** (2013.01); **E02F 9/265** (2013.01); **E21B 7/027** (2013.01)

Citation (applicant)

- US 2018245304 A1 20180830 - KOLLER ALFRED [AT]
- US 2018230673 A1 20180816 - LEE MOOYOUNG [US], et al

Citation (search report)

- [XII] US 2018230673 A1 20180816 - LEE MOOYOUNG [US], et al
- [XII] US 2018245304 A1 20180830 - KOLLER ALFRED [AT]
- [A] EP 3960980 A1 20220302 - SANDVIK MINING & CONSTRUCTION OY [FI]
- [A] JP H03115090 A 19910516 - TAKENAKA KOMUTEN CO
- [A] DE 102018104041 A1 20190822 - LIEBHERR WERK NENZING [AT]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4273363 A1 20231108**; IT 202200009161 A1 20231105

DOCDB simple family (application)  
**EP 23171787 A 20230505**; IT 202200009161 A 20220505