

Title (en)  
SOIL WORKING ROLLER

Title (de)  
BODENBEARBEITUNGSWALZE

Title (fr)  
ROULEAU DE TRAVAIL DU SOL

Publication  
**EP 3346057 B1 20190724 (DE)**

Application  
**EP 17208521 A 20171219**

Priority  
DE 102017100069 A 20170104

Abstract (en)  
[origin: US2018187381A1] An earth working roller for use in an earth working machine comprising a roller drum (30), which extends in a direction along a roller axis of rotation (D), surrounds a roller interior (34), and has an essentially circular outer circumferential contour, wherein a substrate breaking configuration (38) is provided on the outer circumferential surface (32) of the roller drum (30), characterized in that the substrate breaking configuration (38) comprises a plurality of impact bars (40) along the roller drum (30) essentially in the direction of the roller drum axis of rotation (D), as well as a plurality of breaker bars (44) along the roller drum (30) in an essentially circumferential direction.

IPC 8 full level  
**E02D 3/026** (2006.01); **E01C 23/12** (2006.01); **E02D 3/046** (2006.01)

CPC (source: CN EP US)  
**E01C 19/236** (2013.01 - US); **E01C 19/266** (2013.01 - US); **E01C 19/281** (2013.01 - US); **E01C 23/12** (2013.01 - EP US);  
**E01C 23/127** (2013.01 - CN); **E02D 3/026** (2013.01 - EP US); **E02D 3/046** (2013.01 - EP US)

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3346057 A1 20180711**; **EP 3346057 B1 20190724**; CN 108265612 A 20180710; CN 114438864 A 20220506; CN 208328636 U 20190104;  
DE 102017100069 A1 20180705; JP 2018112056 A 20180719; JP 6679631 B2 20200415; US 10214865 B2 20190226;  
US 10550527 B2 20200204; US 2018187381 A1 20180705; US 2019145059 A1 20190516

DOCDB simple family (application)  
**EP 17208521 A 20171219**; CN 201711459849 A 20171228; CN 201721890780 U 20171228; CN 202210184305 A 20171228;  
DE 102017100069 A 20170104; JP 2018000085 A 20180104; US 201815860810 A 20180103; US 201916243191 A 20190109