

Title (en)  
REDUCTION OF SHARE WEAR

Title (de)  
SCHARVERSCHLEISS-REDUZIERUNG

Title (fr)  
RÉDUCTION D'USURE DE SOC

Publication  
**EP 3955720 A1 20220223 (DE)**

Application  
**EP 20723275 A 20200415**

Priority  
• DE 102019205436 A 20190415  
• DE 2020100304 W 20200415

Abstract (en)  
[origin: CA3136994A1] The present invention relates to a soil-working device having soil-working tools, in particular tine tools such as wing-share cultivator tines or duckfoot-share cultivator tines, and having a center longitudinal axis. The soil-working device has a number n of soil-working tools, which are arranged in one or more tool rows, which follow one another in the working direction and are oriented perpendicularly to the working direction, and a number s of disk tools, which are arranged in one or more disk rows, which follow one another in the working direction and are oriented perpendicularly to the working direction and lie in front of the soil-working tools in the working direction. The soil-working tools have at least a first tool region and a second tool region, and the first tool region wears more intensely than the second tool region because of the exposed arrangement of the first tool region. The invention further relates to a method for producing a soil-working device of this type.

IPC 8 full level  
**A01B 19/02** (2006.01); **A01B 21/08** (2006.01); **A01B 49/02** (2006.01); **A01B 73/04** (2006.01)

CPC (source: EP US)  
**A01B 19/02** (2013.01 - EP); **A01B 35/06** (2013.01 - US); **A01B 35/16** (2013.01 - US); **A01B 35/18** (2013.01 - US); **A01B 35/24** (2013.01 - US); **A01B 49/02** (2013.01 - EP); **A01B 21/086** (2013.01 - EP); **A01B 73/044** (2013.01 - EP)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102019205436 A1 20201015**; CA 3136994 A1 20201022; CA 3136994 C 20240514; EP 3955720 A1 20220223; RU 2784387 C1 20221124; US 2022210963 A1 20220707; WO 2020211907 A1 20201022

DOCDB simple family (application)  
**DE 102019205436 A 20190415**; CA 3136994 A 20200415; DE 2020100304 W 20200415; EP 20723275 A 20200415; RU 2021129998 A 20200415; US 202017604337 A 20200415