

Title (en)
SICKLE CUTTER SYSTEM

Title (de)
SICHELSCHNEIDERSYSTEM

Title (fr)
SYSTÈME DE COUPE À FAUCILLE

Publication
EP 3672389 A4 20210505 (EN)

Application
EP 18849171 A 20180719

Priority

- CA 2976843 A 20170821
- CA 2976844 A 20170821
- CA 2976845 A 20170821
- CA 2018050877 W 20180719

Abstract (en)
[origin: WO2019036796A1] In a sickle cutting system, it has been found that a significant reduction in average stubble length, which is calculated based on the distance crop is pushed forwardly without cutting occurring, can be obtained by a combination of features where the length of the cutting edge of each knife blade is increased to a length greater than 2.2 inches; the width at the rear of the ledger surface of each guard is increased to greater than 1.2 inches; and the front edge of the blade is formed with an apex to shed crop material to one or other side of the apex. Each blade has at least one cut out opening through the blade extending from a rear edge of the opening adjacent to but spaced from a rear edge of the blade toward the tip.

IPC 8 full level
A01D 34/14 (2006.01); **A01D 34/18** (2006.01)

CPC (source: EP)
A01D 34/14 (2013.01); **A01D 34/18** (2013.01)

Citation (search report)

- [XAYI] US 5694754 A 19971209 - SHUKNECHT LEE N [US], et al
- [Y] CA 2802972 C 20140715 - MACDON IND LTD [CA]
- See references of WO 2019036796A1

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

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WO 2019036796 A1 20190228; AU 2018322498 A1 20200312; AU 2018322498 B2 20221110; BR 112020003461 A2 20200825; BR 112020003461 B1 20231031; EP 3672389 A1 20200701; EP 3672389 A4 20210505

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