

Title (en)
SOLAR POWERED MOWER

Publication
EP 0524257 A4 19930728 (EN)

Application
EP 91908233 A 19910404

Priority
• US 50690390 A 19900410
• US 61292190 A 19901113

Abstract (en)
[origin: WO9115107A1] A powered mower (10) has a cordless electric power source defined by a rechargeable battery (22, 24) and a solar panel (60, 62). The rechargeable battery (22, 24) is connected to a direct current motor (20) for driving the mower blade (14) and drive system (16) for the powered mower. The solar panel (60, 62) supplies the rechargeable battery (22, 24) with additional voltage and current to assist the battery (22, 24) in maintaining its functional operating level.

IPC 1-7
A01D 34/10; **A01D 69/02**

IPC 8 full level
A01D 34/78 (2006.01); **A01D 69/02** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)
A01D 34/78 (2013.01); **A01D 69/02** (2013.01); **F02B 2075/027** (2013.01)

Citation (search report)
• [XP] FR 2645700 A1 19901019 - GIDER [FR]
• [A] US 4827534 A 19890509 - HAUGEN ALVIN E [US]
• [A] WO 8902055 A1 19890309 - LUECKE NOMINEES PTY LTD [AU]
• [A] US 4009051 A 19770222 - KAZIS EARLE W, et al
• [X] MACHINE DESIGN vol. 31, no. 4, 19 February 1959, CLEVELAND US page 30 'Sun-Powered Slave Will Mow Grass, Shovel Snow'
• See references of WO 9115107A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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WO 9115107 A1 19911017; AU 3059595 A 19951109; AU 7764091 A 19911030; CA 2080357 A1 19911011; EP 0524257 A1 19930127; EP 0524257 A4 19930728; JP 2898408 B2 19990602; JP H05506152 A 19930916; ZA 927821 B 19930421

DOCDB simple family (application)
US 9102326 W 19910404; AU 3059595 A 19950912; AU 7764091 A 19910404; CA 2080357 A 19910404; EP 91908233 A 19910404; JP 50832191 A 19910404; ZA 927821 A 19921012