

Title (en)
PLASTIC FILM FOR GROUND COVERING WITH FORMED EDGES

Title (de)
BODENABDECKUNGSFOLIE MIT GEFORMTEN RÄNDERN

Title (fr)
FILM PLASTIQUE POUR RECOUVRIR LE SOL AVEC FORMATION DE BORDS

Publication
EP 1662859 A1 20060607 (EN)

Application
EP 04734562 A 20040524

Priority
• GR 2004000030 W 20040524
• GR 20030100373 A 20030910

Abstract (en)
[origin: WO2005022984A1] The invention refers to a plastic film for ground covering with formed edges along its sides that is destined for agricultural use. Each formed edge is folded twice towards the same direction, in such a manner that the first folding (4) has width (b) less than (c) of the second folding (5) and preferably half the width of the latter. The superimposed parts of each formed edge are welded to each other with successive weldings (7i) along its length, preferably transverse and in such a manner that the first folding (4) alongside with the second folding (5) are welded to main body (1) of the plastic film but not to each other. Moreover the first folding (4) is welded to the main body (1) with successive stamp-weldings (8) that can be of any shape and preferably oval or circles having not larger dimensions than half the width (b) of the first folding (4) and are located preferably halfway between two successive transverse weldings (7i). In this manner the weight insertion pockets are formed, that also have an opening for inserting the weight in each pocket almost equal to the length of each pocket. The stamp-weldings (8) pull the first folding (4) towards the main body (1) of the plastic film where it clings in order to close the weight insertion openings and trap soil in the pockets.

IPC 1-7
A01G 13/02

IPC 8 full level
A01G 13/02 (2006.01)

CPC (source: EP)
A01G 13/0275 (2013.01)

Citation (search report)
See references of WO 2005022984A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
WO 2005022984 A1 20050317; EP 1662859 A1 20060607; GR 1007190 B 20110209; GR 20030100373 A 20050518

DOCDB simple family (application)
GR 2004000030 W 20040524; EP 04734562 A 20040524; GR 20030100373 A 20030910