

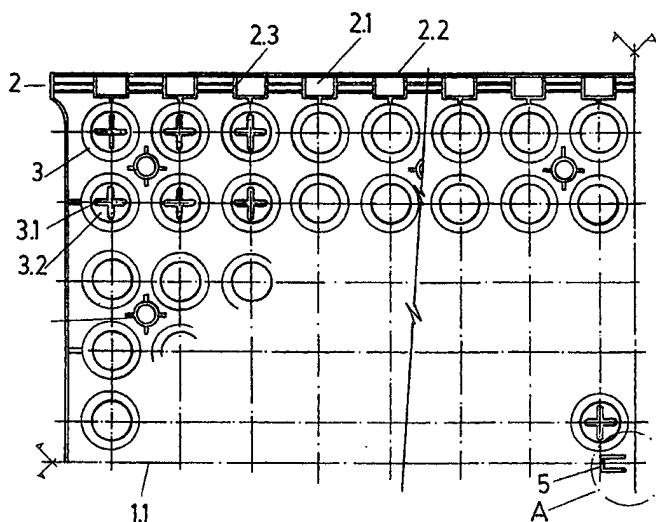
PCT ORGANIZACION MUNDIAL DE LA PROPIEDAD INTELECTUAL
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 EN MATERIA DE PATENTES (PCT)



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(21) Solicitud internacional: PCT/ES99/00245 (22) Fecha de la presentación internacional: 30 de Julio de 1999 (30.07.99) (30) Datos relativos a la prioridad: U 9802110 6 de Agosto de 1998 (06.08.98) ES (71) Solicitante: SEMIREC, S.L. [ES/ES]; Finca las Carrascas, Pozo Estrecho Cartagena, E-30594 Murcia (ES). (72) Inventores: BERNAL CAVA, Fulgencio; Finca las Carrascas, Pozo Estrecho Cartagena, E-30594 Murcia (ES). LIJON GARCIA, Fco. Gabriel; Finca las Carrascas, Pozo Estrecho Cartagena, E-30594 Murcia (ES). (74) Mandatario: ESTEBAN PEREZ-SERRANO, Ma Isabel; Ex-planada, 8, E-28040 Madrid (ES).		(81) Estados designados: Patente europea (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Publicada <i>Con informe de búsqueda internacional.</i>

(54) Title: SEED TRAY FOR AUTOMATED GREENHOUSES AND AUTOMATIC TRANSPLANTATION

(54) Título: BANDEJA DE SEMILLERO PARA INVERNADEROS AUTOMATIZADOS Y TRANSPLANTE AUTOMATICO



(57) Abstract

The invention relates to a tray which includes lateral longitudinal strips (2) provided with a line of rectangular perforations (2.1) of which the major sides are oriented in the same direction as the sheet for driving the tray, and are also provided with orthogonal side stop platelets (2.2). Small reinforcement protuberances (2.3) for reinforcing the edge of the perforation (2.1) and other intermediary anti-tear perforations (2.4) are provided.

INTERNATIONAL SEARCH REPORT

International application No.

PCT ES/99 00245

A. CLASSIFICATION OF SUBJECT MATTER ⁶:

IPC 6 : A01G 9/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 : A01G, A01C, B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Spanish Patents documents and utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, PAJ, ECLA, CIBEPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5274953 A (NICHOLSON), 04 January 1994 (04.01.94), see column 2, lines 22-59, figures.	1
A	WO 9810990 A (WILLIAMES HI-TECH INTERNATIONAL PTY.), 19 March 1998 (19.03.98), see the whole document.	1
A	WO 9403040 A(WILLIAMES HI-TECH INTERNATIONAL PTY.), 17 February 1994 (17.02.94),see page 6, lines 3-13, figures 1a-1c.	1
A	US 4144672 A(GRADWELL et al.), 20 March 1979(20.03.79), see column 2, line 16-column 3, line5, column 4, lines 51-61, figures.	2
A	EP 371888 A(BARTHELEMY), 06 June 1990 (06.06.90), see column 3, lines 5-17, figures.	3



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
22 October 1999 (22.10.99)

Date of mailing of the international search report
02 November 1999 (02.11.99)

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