

Title (en)
SYSTEMIC PLANT INTERFACE.

Title (de)
INTERFACE FÜR PFLANZENSYSTEM.

Title (fr)
INTERFACE DE PLANTE SYSTEMIQUE.

Publication
EP 0308422 A4 19891222 (EN)

Application
EP 87903947 A 19870527

Priority
• US 86916086 A 19860530
• US 91660086 A 19861008

Abstract (en)
[origin: WO8707113A1] A systemic plant interface replaces the roots of a growing plant by providing a perforate surface (14) which mates to growing xylem tissue of a vascular plant (58) and provides fluid communication and support (28b) necessary to sustain the aerial portions of a viable plant (58).

IPC 1-7
A01H 1/04; **A01H 1/00**; **A01G 31/00**; **A01G 25/00**; **G05D 21/00**

IPC 8 full level
A01G 7/00 (2006.01); **A01G 31/00** (2006.01); **A01H 4/00** (2006.01); **A01H 5/00** (2006.01); **C25B 3/00** (2006.01)

CPC (source: EP KR US)
A01G 7/00 (2013.01 - EP); **A01G 31/00** (2013.01 - EP); **A01H 1/04** (2013.01 - KR); **A01H 4/001** (2013.01 - EP KR US)

Citation (search report)
• US 4586288 A 19860506 - WALTON CHARLES F [US]
• EP 0117766 A1 19840905 - CHALLET HERAUT CREATIONS [FR]
• WO 8604919 A1 19860828 - AGROGEN STIFTUNG [CH]
• EP 0167638 A1 19860115 - KOIKE YUJIRO
• DE 1046263 B 19581211 - GOETZ ALEXANDER DR PHIL HABIL
• US 4299921 A 19811110 - YOUSSEF KAMAL A
• EP 0142989 A2 19850529 - APPLIED AEROPONICS INC [US]
• [A] Vasil, I.K.: "Cell culture and somatic cell genetics of plants" no. 150690, 1984, Academic Press, Orlando, US
• See references of WO 8707113A1

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

DOCDB simple family (publication)
WO 8707113 A1 19871203; AU 7549187 A 19871222; DK 46588 A 19880129; DK 46588 D0 19880129; EP 0308422 A1 19890329; EP 0308422 A4 19891222; FI 885538 A0 19881129; FI 885538 A 19881129; IL 82718 A0 19871130; JP H02500003 A 19900111; KR 880701070 A 19880725; KR 910003642 B1 19910607

DOCDB simple family (application)
US 8701232 W 19870527; AU 7549187 A 19870527; DK 46588 A 19880129; EP 87903947 A 19870527; FI 885538 A 19881129; IL 8271887 A 19870529; JP 50365387 A 19870527; KR 880700096 A 19880130