

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/084969

A. CLASSIFICATION OF SUBJECT MATTER

A01C 11/02 (2006.01) i

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)

A01C

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

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

CNXTX; CNABS; CNKI, VEN: 取苗, 顶苗, 移栽, 活塞, 气缸, 液压缸, 控制, 顶杆, seedling, push+, transplant+, cylinder, piston, control+, rod

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 107466561 A (JIANGSU UNIVERSITY) 15 December 2017 (15.12.2017), claims 1-8	1-8
A	CN 104782295 A (NANJING RESEARCH INSTITUTE FOR AGRICULTURAL MECHANIZATION MINISTRY OF AGRICULTURE) 22 July 2015 (22.07.2015), entire document	1-8
A	CN 102301856 A (XINJIANG AGRICULTURAL UNIVERSITY) 04 January 2012 (04.01.2012), entire document	1-8
A	CN 204634345 U (NANJING RESEARCH INSTITUTE FOR AGRICULTURAL MECHANIZATION MINISTRY OF AGRICULTURE) 16 September 2015 (16.09.2015), entire document	1-8
A	CN 104509253 A (MODERN AGRICULTURAL EQUIPMENT CO., LTD.) 15 April 2015 (15.04.2015), entire document	1-8

Further documents are listed in the continuation of Box C.

See patent family annex.

<p>* Special categories of cited documents:</p> <p>“A” document defining the general state of the art which is not considered to be of particular relevance</p> <p>“E” earlier application or patent but published on or after the international filing date</p> <p>“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>“O” document referring to an oral disclosure, use, exhibition or other means</p> <p>“P” document published prior to the international filing date but later than the priority date claimed</p>	<p>“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</p> <p>“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</p> <p>“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>“&”document member of the same patent family</p>
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Date of the actual completion of the international search

26 June 2018

Date of mailing of the international search report

12 July 2018

Name and mailing address of the ISA
 State Intellectual Property Office of the P. R. China
 No. 6, Xitucheng Road, Jimenqiao
 Haidian District, Beijing 100088, China
 Facsimile No. (86-10) 62019451

Authorized officer

ZHANG, Binghua

Telephone No. (86-10) 62085200

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN 104782292 A (NANJING RESEARCH INSTITUTE FOR AGRICULTURAL MECHANIZATION MINISTRY OF AGRICULTURE) 22 July 2015 (22.07.2015), entire document	1-8
A	JP 2009261330 A (ISEKI AGRICULTURAL MACHINERY MFG CO., LTD.) 12 November 2009 (12.11.2009), entire document	1-8
A	KR 20020034802 A (JUNG SUK WHA) 09 May 2002 (09.05.2002), entire document	1-8

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2018/084969

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 107466561 A	15 December 2017	None	
CN 104782295 A	22 July 2015	None	
CN 102301856 A	04 January 2012	None	
CN 204634345 U	16 September 2015	None	
CN 104509253 A	15 April 2015	None	
CN 104782292 A	22 July 2015	None	
JP 2009261330 A	12 November 2009	None	
KR 20020034802 A	09 May 2002	None	