

Title (en)
A COERCION-FREE VOTING SCHEME

Title (de)
ZWANGSFREIES WAHLVERFAHREN

Title (fr)
SYSTEME DE VOTE SANS CONTRAINTE

Publication
EP 1532556 A4 20070919 (EN)

Application
EP 03711100 A 20030214

Priority
• US 0304798 W 20030214
• US 35721002 P 20020214

Abstract (en)
[origin: WO03069448A2] A facility for conducting a coercion-resistant electronic collection is described. The facility receives from the voter a first voter conformation value. At a later time, the facility receives from the voter an encrypted ballot and a second voter confirmation value. Without regard for the value of the received second voter confirmation value, the facility adds the received ballot to a publicly-available list of cast ballots. After the addition, members of the public are able to verify the addition of the received ballot to the list without being able to determine whether the ballot will be counted. The facility counts the ballot if and only the second voter confirmation value received with the ballot matches the received first voter confirmation value.

IPC 1-7
G06F 17/60

IPC 8 full level
G06Q 50/00 (2006.01); **G06F 17/00** (2006.01); **G07C 13/00** (2006.01); **G09C 1/00** (2006.01)

CPC (source: EP KR)
G06F 17/00 (2013.01 - KR); **G06F 21/00** (2013.01 - KR); **G07C 13/00** (2013.01 - EP); **H04L 9/32** (2013.01 - KR)

Citation (search report)
• [Y] US 6092051 A 20000718 - KILIAN JOSEPH JOHN [US], et al
• [Y] US 2001034640 A1 20011025 - CHAUM DAVID [US]
• See references of WO 03069448A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03069448 A2 20030821; WO 03069448 A3 20050324; AU 2003215282 A1 20030904; AU 2003215282 A8 20030904;
CA 2475136 A1 20030821; CA 2475136 C 20070417; CN 1659554 A 20050824; EP 1532556 A2 20050525; EP 1532556 A4 20070919;
JP 2005526307 A 20050902; KR 20040078165 A 20040908; RU 2004127443 A 20050527; RU 2292082 C2 20070120

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JP 2003568506 A 20030214; KR 20047012617 A 20030214; RU 2004127443 A 20030214