

Title (en)  
SIMILARITY-BASED FEATURE SET SUPPLEMENTATION FOR CLASSIFICATION

Title (de)  
ÄHNLICHKEITSBASIERTE MERKMALSERGÄNZUNG ZUR KLASSIFIZIERUNG

Title (fr)  
AUGMENTATION D'UN ENSEMBLE DE CARACTÉRISTIQUES BASÉES SUR LA SIMILARITÉ POUR UNE CLASSIFICATION

Publication  
**EP 2417544 A4 20131002 (EN)**

Application  
**EP 10762077 A 20100317**

Priority  
• US 2010027709 W 20100317  
• US 16782509 P 20090408

Abstract (en)  
[origin: WO2010117581A1] A set of neighbor items associated with a first item is identified based, in part, on a first feature set associated with the first item, wherein each neighbor item of the set of neighbor items is associated with a feature set. A supplemented feature set is generated for the first item based on the identified set of neighbor items responsive to combining the first feature set and the features sets associated with the set of neighbor items. A set of classification scores associated the first item is generated based on the supplemented feature set, each classification score of the set of classification scores indicating a likelihood that the first item belongs to a class of items.

IPC 8 full level  
**G06F 17/30** (2006.01); **G06F 17/50** (2006.01)

CPC (source: EP)  
**G06F 16/353** (2018.12); **G06F 16/41** (2018.12)

Citation (search report)  
• [I] US 6990628 B1 20060124 - PALMER MICHAEL E [US], et al  
• See references of WO 2010117581A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010117581 A1 20101014**; CA 2757771 A1 20101014; CN 102428467 A 20120425; EP 2417544 A1 20120215; EP 2417544 A4 20131002

DOCDB simple family (application)  
**US 2010027709 W 20100317**; CA 2757771 A 20100317; CN 201080022063 A 20100317; EP 10762077 A 20100317