Title (en)
 Visual aircraft spacing system and method

Title (de)
 Visuelles Abstandswerkzeug für Flugzeuge

Title (fr)
 Outil d'espacement d'avion visuel

Publication
 EP 2101306 A1 20090916 (EN)

Application
 EP 09158253 A 20041213

Priority
 • EP 04257729 A 20041213
 • CA 2489122 A 20041203

Abstract (en)
 An air traffic display aid and method that uses parameters for defining a heading for an alpha approach and a beta approach. These can be intersecting or converging runways, dependent or independent parallel runways or airways in enroute configurations. A target reference point is determined in dependence upon the alpha and beta approaches. And an image reference point is determined in dependence upon at least one of the target reference point, a difference between the headings, a characteristic of the beta approach and an offset. Single target mirror ghosting, in-trail ghosting on demand, associated configurations and user selectable resynchronization spacing is also supported.

IPC 8 full level
 G08G 5/00 (2006.01); **G06F 15/00** (2006.01)

CPC (source: EP)
 G08G 5/0082 (2013.01); **G08G 5/025** (2013.01)

Citation (applicant)
 US 4890232 A 19891226 - MUNDRA ANAND D [US]

Citation (search report)
 • [A] US 2003200024 A1 20031023 - POREDA STANLEY J [US]
 • [DA] US 4890232 A 19891226 - MUNDRA ANAND D [US]
 • [A] MUNDRA A D ET AL: "Capacity enhancements in IMC for converging configurations with down-link of aircraft expected final approach speeds", 20TH DASC. 20TH DIGITAL AVIONICS SYSTEMS CONFERENCE. PROCEEDINGS 14-18 OCT. 2001 DAYTONA BEACH, FL, USA, vol. 2, October 2001 (2001-10-01), 20th DASC. 20th Digital Avionics Systems Conference (Cat. No.01CH37219) IEEE Piscataway, NJ, USA, pages 7.E.7-1 - 7.E.7-13, XP002419905, ISBN: 0-7803-7034-1
 • [DA] BURNETT, K, BEASLEY, P., MUNDRA, A.: "Converging Runway Display Aid as a Means to Increase Airport Capacity", ATAC ANNUAL MEETING, October 2000 (2000-10-01), pages 232 - 236, XP009078976

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 CN112118537A

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

DOCDB simple family (publication)
 EP 1667087 A2 20060607; **EP 1667087 A3 20070328**; CA 2489122 A1 20060603; EP 2101306 A1 20090916; GB 0427294 D0 20050119; GB 2420853 A 20060607

DOCDB simple family (application)
 EP 04257729 A 20041213; CA 2489122 A 20041203; EP 09158253 A 20041213; GB 0427294 A 20041213