

Title (en)

CAPACITIVE PROXIMITY SENSOR FOR DETECTING PERSONS OR OBJECTS.

Title (de)

KAPAZITIVER NÄHERUNGSSENSOR ZUM ERKENNEN VON PERSONEN ODER GEGENSTÄNDEN.

Title (fr)

DETECTEUR CAPACITIF DE PROXIMITÉ DETECTANT LA PRESENCE DE PERSONNES OU D'OBJETS.

Publication

EP 0562076 B1 19950628 (DE)

Application

EP 92920399 A 19920928

Priority

- DE 9200831 W 19920928
- DE 4134016 A 19911014

Abstract (en)

[origin: WO9308356A1] An arrangement of capacitive proximity sensors (11, 12) for detecting persons or objects is disclosed for a revolving door (1) driven by an electric motor. To provide a safety function for the floor area, a transverse sensor (12) is arranged in the lower area (10) of each door leaf (4, 5, 14, 15). In order to prevent crushing and pinching by the revolving door wall (6, 7), sensors (11) are arranged along each door leaf (4, 5, 14, 15).

IPC 1-7

E05F 15/20; **E05F 15/00**

IPC 8 full level

E05F 15/42 (2015.01); **E05F 15/608** (2015.01); **E05F 15/73** (2015.01)

CPC (source: EP)

E05F 15/42 (2015.01); **E05F 15/608** (2015.01); **E05F 15/73** (2015.01); **E05Y 2900/132** (2013.01)

Cited by

US9724704B2; US9573135B2; US7757982B2; US9669410B2; US10576476B2

Designated contracting state (EPC)

AT CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9308356 A1 19930429; AT E124493 T1 19950715; DE 4134016 C1 19930415; DE 59202733 D1 19950803; DK 0562076 T3 19950828; EP 0562076 A1 19930929; EP 0562076 B1 19950628; ES 2041237 T1 19931116; ES 2041237 T3 19950901; NO 178587 B 19960115; NO 178587 C 19960424; NO 931719 D0 19930511; NO 931719 L 19930511

DOCDB simple family (application)

DE 9200831 W 19920928; AT 92920399 T 19920928; DE 4134016 A 19911014; DE 59202733 T 19920928; DK 92920399 T 19920928; EP 92920399 A 19920928; ES 92920399 T 19920928; NO 931719 A 19930511