

Title (en)
Solar roundabout.

Title (de)
Solarkarussell.

Title (fr)
Manège solaire.

Publication
EP 0459075 B1 19940406 (DE)

Application
EP 91100024 A 19910102

Priority
DE 9006175 U 19900531

Abstract (en)
[origin: US5090689A] A carousel powered by an arrangement of photoelectric solar panels is driven by an electric motor, which is connected through a battery to an arrangement of solar cells located on the roof of the carousel. Also connected to the battery, in parallel with the motor, are a number of decorative bulbs, to prevent overcharging of the battery. The solar panels are hinged and are placed on the roof of the carousel with one part of the panel horizontal to the ground, and the other part angled upwards, to maximize the capture of solar energy regardless of the location of the sun in the sky. Additionally, the carousel figures are removable and the roof and base of the carousel are hinged, so that the carousel can be folded into a transport position.

IPC 1-7
A63G 1/10

IPC 8 full level
A63G 1/10 (2006.01)

CPC (source: EP US)
A63G 1/10 (2013.01 - EP US)

Cited by
FR2770804A1; CN108654094A; FR2698199A1

Designated contracting state (EPC)
CH DE ES FR IT LI

DOCDB simple family (publication)
US 5090689 A 19920225; DE 59101308 D1 19940511; EP 0459075 A1 19911204; EP 0459075 B1 19940406; ES 2053210 T3 19940716; JP H04231090 A 19920819

DOCDB simple family (application)
US 63593590 A 19901228; DE 59101308 T 19910102; EP 91100024 A 19910102; ES 91100024 T 19910102; JP 10374491 A 19910409