

Title (en)
Electric motor-driven air pump

Title (de)
Elektrisch angetriebene Luftpumpe

Title (fr)
Pompe à air entraînée par un moteur électrique

Publication
EP 0711923 B1 19980401 (DE)

Application
EP 95111114 A 19950715

Priority
DE 4438751 A 19941029

Abstract (en)
[origin: EP0711923A1] An electrically driven air pump consists of a housing with a pump on one side and an electric motor on the other side. The pump side of the housing is closed with a lid. The lid (7) is made of plastic and has an axial wall (22) metal reinforcement (23). The outer mantle surface and its edge (24) protrudes out of the plastic or pump lid wall. The inner mantle surface or inner edge (25) is interspersed by numerous star shaped penetrations (26).

IPC 1-7
F04D 29/42; F04D 29/66; F04D 29/02

IPC 8 full level
F04D 29/02 (2006.01); **F04D 29/42** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP US)
F04D 29/023 (2013.01 - EP US); **F04D 29/4226** (2013.01 - EP US); **F04D 29/668** (2013.01 - EP US); **F05D 2300/43** (2013.01 - EP US); **F05D 2300/702** (2013.01 - EP US); **Y10S 415/915** (2013.01 - EP US)

Cited by
CN103573671A

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 4438751 A1 19960502; DE 59501774 D1 19980507; EP 0711923 A1 19960515; EP 0711923 B1 19980401; ES 2114251 T3 19980516; US 5823753 A 19981020

DOCDB simple family (application)
DE 4438751 A 19941029; DE 59501774 T 19950715; EP 95111114 A 19950715; ES 95111114 T 19950715; US 53566095 A 19950928