

Title (en)

COOLING DEVICE FOR ELEVATOR

Title (de)

KÜHLVORRICHTUNG FÜR AUFZÜGE

Title (fr)

DISPOSITIF DE REFROIDISSEMENT POUR ASCENSEUR

Publication

EP 2644556 A4 20171115 (EN)

Application

EP 10860020 A 20101126

Priority

JP 2010071113 W 20101126

Abstract (en)

[origin: EP2644556A1] Provided is a cooling device of an elevator which makes complicated maintenance work unnecessary and can obtain a necessary cooling effect. For this purpose, a cooling device of an elevator which cools apparatus provided in a car of the elevator includes an air intake section which introduces an airflow caused by the running wind during the ascent and descent of the car into the interior of the apparatus, an air discharge section which discharges the air in the interior of the apparatus to outside the apparatus, and foreign matter separating means which is provided in the air intake section and separates foreign matter contained in the airflow by using at least either a centrifugal force or gravitational force which acts on the foreign matter. The air intake section is configured in such a manner that the airflow whose foreign matter is separated by the foreign matter separating means and whose foreign matter content is lowered from the foreign matter content before the separation, is introduced into the interior of the apparatus.

IPC 8 full level

B66B 11/02 (2006.01); **B66B 1/34** (2006.01)

CPC (source: EP KR)

B66B 1/34 (2013.01 - KR); **B66B 11/02** (2013.01 - KR); **B66B 11/024** (2013.01 - EP)

Citation (search report)

- [X] US 5080003 A 19920114 - KAPPELER FRANZ [CH]
- [Y] JP H08188361 A 19960723 - OTIS ELEVATOR CO
- [Y] SU 776983 A1 19801107 - BROVKIN EVGENIJ D [SU]
- [Y] DE 19528407 A1 19970206 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] JP H0848478 A 19960220 - IKOMA TETSUO
- See references of WO 2012070145A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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