

Title (en)
COOLING PROCESS AND TUNNEL

Publication
EP 0250318 B1 19930915 (FR)

Application
EP 87401357 A 19870617

Priority
FR 8608774 A 19860618

Abstract (en)
[origin: US4757691A] Liquid carbon dioxide is injected through one end into the upper compartment (14) of the tunnel. The gaseous CO₂ is circulated in the lower compartment (13) partly in a countercurrent manner and partly in a cocurrent manner relative to the objects (22) to be cooled, by a central fan (9). Application in the temporary hardening of products of rubber and plastics material and in the precise cooling of food products.

IPC 1-7
F25D 3/11

IPC 8 full level
F25D 3/11 (2006.01)

CPC (source: EP US)
F25D 3/11 (2013.01 - EP US)

Cited by
CN112639365A; EP2733447A1; US8535122B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0250318 A1 19871223; EP 0250318 B1 19930915; AT E94632 T1 19931015; AU 588199 B2 19890907; AU 7442487 A 19871224; CA 1298714 C 19920414; DE 3787406 D1 19931021; DE 3787406 T2 19940113; ES 2043677 T3 19940101; FR 2600406 A1 19871224; FR 2600406 B1 19880805; US 4757691 A 19880719

DOCDB simple family (application)
EP 87401357 A 19870617; AT 87401357 T 19870617; AU 7442487 A 19870617; CA 539889 A 19870617; DE 3787406 T 19870617; ES 87401357 T 19870617; FR 8608774 A 19860618; US 6346187 A 19870618