

Title (en)

PROCESS AND APPARATUS FOR COOLING A POWDER BY MEANS OF A REFRIGERANT FLUID

Publication

**EP 0166655 B1 19880504 (FR)**

Application

**EP 85401219 A 19850619**

Priority

FR 8409810 A 19840622

Abstract (en)

[origin: ES8606620A1] A device for injecting a liquefied refrigerating fluid directly into a mass of detergent powder within a hopper the device being connected to a tank storing this fluid under pressure.

IPC 1-7

**F25D 3/10**

IPC 8 full level

**F25D 3/11** (2006.01); **F25D 3/10** (2006.01); **F28C 3/12** (2006.01)

CPC (source: EP KR US)

**C11D 13/12** (2013.01 - KR); **F25D 3/10** (2013.01 - EP US); **F28C 3/12** (2013.01 - EP US)

Cited by

JP2009139085A; FR2713321A1; EP0978697A1; FR2782153A1; US6233950B1; EP2068106A1; FR2764366A1; WO9857106A1

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**EP 0166655 A1 19860102; EP 0166655 B1 19880504**; AT E34040 T1 19880515; AU 4392285 A 19860102; AU 573850 B2 19880623; BR 8502986 A 19860304; CA 1272038 A 19900731; DE 3562527 D1 19880609; ES 536599 A0 19860401; ES 554233 A0 19870401; ES 8606620 A1 19860401; ES 8704617 A1 19870401; FR 2566515 A1 19851227; FR 2566515 B1 19870327; JP S6117880 A 19860125; KR 860000367 A 19860128; US 4619113 A 19861028; ZA 854709 B 19860226

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**EP 85401219 A 19850619**; AT 85401219 T 19850619; AU 4392285 A 19850621; BR 8502986 A 19850621; CA 485167 A 19850625; DE 3562527 T 19850619; ES 536599 A 19841008; ES 554233 A 19860422; FR 8409810 A 19840622; JP 13441785 A 19850621; KR 850004448 A 19850622; US 74701385 A 19850620; ZA 854709 A 19850621