

Title (en)
Compressor packaging apparatus

Title (de)
Verpackung für Kompressoren

Title (fr)
Emballage pour compresseurs

Publication
EP 1770023 A3 20090107 (EN)

Application
EP 06020324 A 20060927

Priority
JP 2005286101 A 20050930

Abstract (en)
[origin: EP1770023A2] A compressor packaging apparatus including a lower plate (21) mounted on a base board (20), an intermediate plate and an upper plate (24), plural compressors (1A, 1B) each of which has a cylindrical compressor main body (2A, 2B) having dish-shaped end caps (3A, 3B, 4A, 4B) at both the end portions thereof being placed on the lower plate and fixedly sandwiched between the lower plate and the upper plate while each compressor main body is inserted through the intermediate plate, characterized in that when one kind of compressors are packaged, the lower plate (21) and the intermediate plate are used with being placed face up, and when another kind of compressors are packaged, the lower plate and the intermediate plate are reversed and used with being placed face down.

IPC 8 full level
B65D 71/00 (2006.01)

CPC (source: EP US)
B65D 71/0096 (2013.01 - EP US); **B65D 2571/00043** (2013.01 - EP US); **B65D 2571/00067** (2013.01 - EP US);
B65D 2571/00111 (2013.01 - EP US)

Citation (search report)
• [AD] JP H10218275 A 19980818 - DAIKIN IND LTD
• [A] US 5361900 A 19941108 - STRINGER HUGH C [US], et al
• [A] JP 2002096891 A 20020402 - MATSUSHITA ELECTRIC IND CO LTD
• [A] US 4875580 A 19891024 - STRINGER HUGH C [US], et al
• [A] FR 2807138 A1 20011005 - VALLOUREC MANNESMANN OIL & GAS [FR]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1770023 A2 20070404; **EP 1770023 A3 20090107**; CN 1939812 A 20070404; CN 1939812 B 20110706; JP 2007091313 A 20070412;
JP 4836535 B2 20111214; US 2007074978 A1 20070405

DOCDB simple family (application)
EP 06020324 A 20060927; CN 200610128131 A 20060905; JP 2005286101 A 20050930; US 52980006 A 20060928