Title (en)
: A VENDING MACHINE

Title (de)
: VERKAUFSAUTOMAT

Title (fr)
: DISTRIBUTEUR AUTOMATIQUE

Publication
: **EP 0847567 B1 19990217 (EN)**

Application
: **EP 96929400 A 19960902**

Priority
- GB 9602159 W 19960902
- GB 9517918 A 19950902
- GB 9522281 A 19951031
- GB 9606836 A 19960330

Abstract (en)
: [origin: WO9709698A1] A vending machine (108) of the kind comprising a store of articles or products to be dispensed, user operated means (137) for selecting the article or product to be dispensed, means, e.g. a coin freed mechanism authorising dispensing, and a dispensing outlet (142), characterised by a distributed mode acoustic radiator (2) and a transducer (9) mounted wholly and exclusively on the radiator to vibrate the radiator to cause it to resonate.

IPC 1-7
: **G07F 9/02**

IPC 8 full level
: **G07F 9/02** (2006.01); **H04R 1/02** (2006.01); **H04R 3/04** (2006.01); **H04R 7/04** (2006.01); H04R 1/28 (2006.01); H04R 5/02 (2006.01); H04R 17/00 (2006.01)

CPC (source: EP)
: **G07F 9/02** (2013.01); **H04R 1/021** (2013.01); **H04R 1/025** (2013.01); **H04R 1/028** (2013.01); **H04R 3/04** (2013.01); **H04R 7/045** (2013.01); H04R 5/02 (2013.01); H04R 17/00 (2013.01)

Cited by
: US6956492B2; WO0241287A3

Designated contracting state (EPC)
: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
: **WO 9709698 A1 19970313**; AT E176826 T1 19990315; AU 6881596 A 19970327; AU 699890 B2 19981217; CA 2230459 A1 19970313; DE 69601554 D1 19990325; DE 69601554 T2 19990916; DK 0847567 T3 19990920; EA 002337 B1 20020425; EA 199800261 A1 19981029; EP 0847567 A1 19980617; EP 0847567 B1 19990217; ES 2130849 T3 19990701; HK 1008593 A1 19990514; RO 119033 B1 20040227

DOCDB simple family (application)
: **GB 9602159 W 19960902**; AT 96929400 T 19960902; AU 6881596 A 19960902; CA 2230459 A 19960902; DE 69601554 T 19960902; DK 96929400 T 19960902; EA 199800261 A 19960902; EP 96929400 A 19960902; ES 96929400 T 19960902; HK 98109456 A 19980728; RO 9800645 A 19960902