

Title (en)
Loudspeaker cone and surround assembly.

Title (de)
Lautsprecherkonus und Randringanordnung.

Title (fr)
Cône pour liant-parleur et équipement de suspension.

Publication
EP 0492914 A2 19920701 (EN)

Application
EP 91311619 A 19911213

Priority
• GB 9027670 A 19901220
• GB 9105149 A 19910312
• GB 9120591 A 19910927

Abstract (en)
A method of making a loudspeaker cone and flexible surround assembly (1,2) comprising arranging an injection moulded plastics cone (1) in the mould cavity of an injection moulding apparatus and injection moulding an elastomeric material onto the periphery of the cone under heat and pressure to form a surround or suspension (2) which is chemically bonded to the material of the cone. The invention is also a loudspeaker cone and surround assembly wherein the surround (2) is an injection moulding formed directly on to the cone (1). <IMAGE>

IPC 1-7
H04R 7/12; **H04R 7/20**; **H04R 31/00**

IPC 8 full level
B29C 45/14 (2006.01); **H04R 7/20** (2006.01); **H04R 31/00** (2006.01); **B29L 31/38** (2006.01)

CPC (source: EP)
H04R 7/20 (2013.01); **H04R 31/003** (2013.01); **H04R 2307/029** (2013.01); **H04R 2307/204** (2013.01)

Cited by
US6252633B1; CN109391861A; EP0627868A1; US5418337A; EP0632674A1; US5521886A; CN1071986C; GB2327903A; GB2327903B; GB2328177A; GB2328177B; CN113676821A; US6396936B1; US6219432B1; WO0032010A3; WO9802016A3

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

DOCDB simple family (publication)
EP 0492914 A2 19920701; **EP 0492914 A3 19921021**; JP H077791 A 19950110

DOCDB simple family (application)
EP 91311619 A 19911213; JP 33698791 A 19911219