

Title (en)
Flat loudspeaker arrangement

Title (de)
Flachlautsprecheranordnung

Title (fr)
Disposition de haut-parleurs plats

Publication
EP 1120994 A3 20060614 (DE)

Application
EP 00124962 A 20001116

Priority
DE 10001410 A 20000114

Abstract (en)
[origin: DE10001410A1] The flat loudspeaker arrangement comprises several loudspeakers arranged seamlessly. Each loudspeaker comprising a driver (18) for oscillation generation, sound disk (13) and support stand (14), works on multi-resonance flexible shaft principle.

IPC 8 full level
H04R 1/40 (2006.01); **H04R 1/28** (2006.01); **H04R 7/04** (2006.01); **H04R 7/06** (2006.01)

CPC (source: EP US)
H04R 1/2819 (2013.01 - EP US); **H04R 1/403** (2013.01 - EP US); **H04R 7/045** (2013.01 - EP US); **H04R 7/06** (2013.01 - EP US);
H04R 2201/021 (2013.01 - EP US)

Citation (search report)

- [A] WO 9912387 A1 19990311 - NEW TRANSDUCERS LTD [GB], et al
- [A] WO 9709842 A2 19970313 - VERITY GROUP PLC [GB], et al
- [A] WO 9853638 A2 19981126 - NEW TRANSDUCERS LTD [GB], et al
- [A] US 5025474 A 19910618 - TANAKA TSUNEO [JP], et al
- [A] DE 19821862 A1 19991118 - NOKIA DEUTSCHLAND GMBH [DE]

Designated contracting state (EPC)
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EP 1120994 A2 20010801; **EP 1120994 A3 20060614**; **EP 1120994 B1 20090923**; AT E443975 T1 20091015; DE 10001410 A1 20010726;
DE 10001410 C2 20011206; DE 50015749 D1 20091105; US 2001017927 A1 20010830; US 2007025588 A1 20070201;
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