



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11) **EP 1 566 796 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

Note: Bibliography reflects the latest situation

(15) Correction information:

**Corrected version no 1 (W1 A2)**  
**INID code(s) 30**

(51) Int Cl.:

**G10L 21/02 (2000.01) G10L 11/04 (2000.01)**

(48) Corrigendum issued on:

**11.10.2006 Bulletin 2006/41**

(43) Date of publication:

**24.08.2005 Bulletin 2005/34**

(21) Application number: **05250692.0**

(22) Date of filing: **08.02.2005**

(84) Designated Contracting States:

**DE FR GB**

(30) Priority: **20.02.2004 JP 2004045237**

**20.02.2004 JP 2004045238**

(60) Divisional application:

**06076567.4**

**06076568.2**

(71) Applicant: **SONY CORPORATION**

**Tokyo (JP)**

(72) Inventors:

- **Kondo, Tetsujiro**  
**Shinagawa-ku,**  
**Tokyo (JP)**

- **Arimitsu, Akihiko**  
**Shinagawa-ku,**  
**Tokyo (JP)**
- **Ichiki, Hiroshi**  
**Shinagawa-ku,**  
**Tokyo (JP)**
- **Shima, Junichi**  
**Shinagawa-ku,**  
**Tokyo (JP)**

(74) Representative: **Leppard, Andrew John**

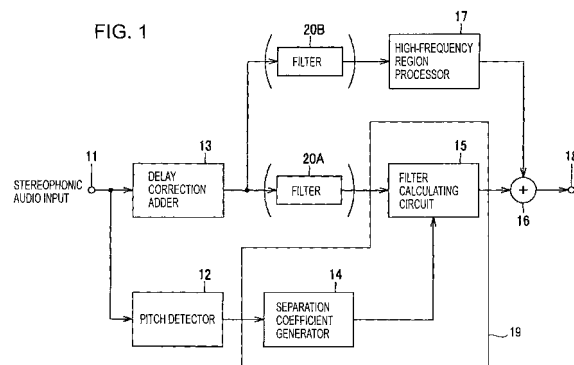
**D Young & Co**

**120 Holborn**

**London EC1N 2DY (GB)**

(54) **Method and apparatus for separating a sound-source signal and method and device for detecting pitch**

(57) A sound-source signal separating method including steps of enhancing a target sound-source signal in an input audio signal, the input audio signal being from a mixture of acoustic signals from a plurality of sound sources and picked up by a plurality of sound pickup devices, detecting a pitch of the target sound-source signal in the input audio signal, and separating the target sound-source signal from the input audio signal based on the detected pitch and the sound-source signal enhanced in the sound-source signal enhancing step.



EP 1 566 796 A8