

Title (en)
Ultrasonic industrial sorting of diamonds

Title (de)
Industrielle Sortierung für Diamanten mittels Ultraschall

Title (fr)
Triage industriel de diamants par ultrasons

Publication
EP 0484611 B1 19960724 (FR)

Application
EP 90870209 A 19901107

Priority
EP 90870209 A 19901107

Abstract (en)
[origin: EP0484611A1] Method for sorting diamonds from a mixture containing, inter alia, diamonds to be recovered, in which method said mixture is brought to a detection system 7, said system is used to detect a diamond or diamonds to be recovered, and a device 8 for separating the diamond or diamonds to be recovered from the mixture is operated when a diamond or diamonds to be recovered has/have been detected, the method being characterised in that a diamond or diamonds to be recovered from the mixture is/are detected by emitting an acoustic wave or waves towards said mixture and by detecting a wave or waves reflected by said mixture.

IPC 1-7
B07C 5/34

IPC 8 full level
B07C 5/34 (2006.01)

CPC (source: EP)
B07C 5/34 (2013.01)

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