

Title (en)
MICRORESONATOR

Title (de)
MIKRORESONATOR

Title (fr)
MICRORESONATEUR

Publication
EP 1843970 A1 20071017 (FR)

Application
EP 06709462 A 20060131

Priority
• FR 2006050078 W 20060131
• FR 0550276 A 20050131

Abstract (en)
[origin: FR2881416A1] The microresonator has a resonant unit (160) made from monocrystalline silicon, and activation electrodes (120, 121) positioned close to the resonant unit. The unit (160) is placed in an opening in a semiconductor layer (110) that covers a substrate (100). The electrodes (120, 121) are formed in the layer and leveled with the opening. The unit (160) is in the shape of mushroom whose leg is fixed on the substrate. An independent claim is also included for a method of fabricating a microresonator.

IPC 8 full level
B81B 3/00 (2006.01); **H03H 3/007** (2006.01)

CPC (source: EP US)
H03H 3/0072 (2013.01 - EP US); **H03H 9/2405** (2013.01 - EP US); **H03H 2009/02496** (2013.01 - EP US)

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