```cpp
/* The following code example is taken from the book
 * "The C++ Standard Library - A Tutorial and Reference, 2nd Edition"
 * by Nicolai M. Josuttis, Addison-Wesley, 2012
 *
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 */
#include <iostream>
#include <utility>
#include <tuple>
using namespace std;

class Foo {
  public:
    Foo (tuple<int, float>) {
        cout << "Foo::Foo(tuple)" << endl;
    }
    template <typename... Args>
    Foo (Args... args) {
        cout << "Foo::Foo(args...)" << endl;
    }
};

int main()
{
    // create tuple t:
    tuple<int,float> t(1,2.22);

    // pass the tuple as a whole to the constructor of Foo:
    pair<int,Foo> p1 (42, t);

    // pass the elements of the tuple to the constructor of Foo:
    pair<int,Foo> p2 (piecewise_construct, make_tuple(42), t);
}
```