This picture is a remake of Figure 3.1 in Leila Ahmadi's thesis:

http://epublications.uef.fi/pub/urn_isbn_978-952-61-3013-2/index_en.html

Hot embossing	Thermal imprinting	UV imprinting	Thermal UV imprinting
Bringing film and mold in contact			
Pressing and heating	Pressing and heating	Pressing and UV	Pressing, UV and heating
Cooling down	Cooling down		Cooling down
Demolding	Demolding		Demolding